Harvard T.H. Chan School of Public Health Course Catalog Preview

Division of Biological Science

Subject: Biological Science

Biological Science 205 Section: 1

Biological Sciences Seminars (190157)

Zachary Nagel

2023 Fall (5 Credits) Schedule: MW 0230 PM - 0359 PM

Instructor Permissions: None Enrollment Cap: n/a

Faculty present seminars on their current research in the biological sciences and direct a student discussion of the logic and experimental design of this research. Topics include chemical and viral carcinogenesis, DNA damage and repair, immunology, molecular biology, metabolism, cardiovascular disease, parasitology, and how these areas apply to public health issues.

Course Note: Required for first-year students in the DBS/BPH program.

Class Notes: This class meets in Building 2, Room 102 (MET conference room).

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics

Subject: Biostatistics

Biostatistics 201 Section: 1

Introduction to Statistical Methods (190012)

Paul Catalano

2023 Fall (5 Credits) Schedule: TR 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 125

Covers basic statistical techniques that are important for analyzing data arising from epidemiology, environmental health and biomedical and other public health-related research. Major topics include descriptive statistics, elements of probability, introduction to estimation and hypothesis testing, nonparametric methods, techniques for categorical data, regression analysis, analysis of variance, and elements of study design. Applications are stressed. Designed for students desiring more emphasis on theoretical developments. Background in algebra and calculus strongly recommended.

BST201 is restricted to the following programs:
All Degrees in the following departments: Epidemiology (EPI), Division of Biological Sciences (DBS), Environmental Health (EH), Nutrition (NUT)
SM2: Global Health and Population (GHP)
SD and SM1: Social and Behavioral Sciences (SBS)
PHD: Biological Science in Public Health (BPH)
MPH: Quantitative Methods (QM)
Other programs please see ID201

Requirements: Course is mutually exclusive with BST202, 203, 206, 207, 208, and ID201. You may not take both this course and any of those courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 201LAB Section: 1

Introduction to Statistical Methods - Required LAB (213470)

Paul Catalano

2023 Fall (0 Credits) Schedule: R 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 25

Covers basic statistical techniques that are important for analyzing data arising from epidemiology, environmental health and biomedical and other public health-related research. Major topics include descriptive statistics, elements of probability, introduction to estimation and hypothesis testing, nonparametric methods, techniques for categorical data, regression analysis, analysis of variance, and elements of study design. Applications are stressed. Designed for students desiring more emphasis on theoretical developments. Background in algebra and calculus strongly recommended.

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All Degrees in the following departments: Epidemiology (EPI), Division of Biological Sciences (DBS), Environmental Health (EH), Nutrition (NUT)
SM2: Global Health and Population (GHP)
SD and SM1: Social and Behavioral Sciences (SBS)
PHD: Biological Science in Public Health (BPH)
MPH: Quantitative Methods (QM)
Other programs please see ID201

Requirements: Students are required to enroll in both BST 201 and BST 201LAB.

To enroll in a section of BST 201 LAB, students must first enroll in BST 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 201LAB Section: 2

Introduction to Statistical Methods - Required LAB (213470)

Paul Catalano

2023 Fall (0 Credits) Schedule: R 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 26

Covers basic statistical techniques that are important for analyzing data arising from epidemiology, environmental health and biomedical and other public health-related research. Major topics include descriptive statistics, elements of probability, introduction to estimation and hypothesis testing, nonparametric methods, techniques for categorical data, regression analysis, analysis of variance, and elements of study design. Applications are stressed. Designed for students desiring more emphasis on theoretical developments. Background in algebra and calculus strongly recommended.

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All Degrees in the following departments: Epidemiology (EPI), Division of Biological Sciences (DBS), Environmental Health (EH), Nutrition (NUT)
SM2: Global Health and Population (GHP)
SD and SM1: Social and Behavioral Sciences (SBS)
PHD: Biological Science in Public Health (BPH)
MPH: Quantitative Methods (QM)
Other programs please see ID201

Requirements: Students are required to enroll in both BST 201 and BST 201LAB.

To enroll in a section of BST 201 LAB, students must first enroll in BST 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 201LAB Section: 3

Introduction to Statistical Methods - Required LAB (213470)

Paul Catalano

2023 Fall (0 Credits) Schedule: F 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 25

Covers basic statistical techniques that are important for analyzing data arising from epidemiology, environmental health and biomedical and other public health-related research. Major topics include

descriptive statistics, elements of probability, introduction to estimation and hypothesis testing, nonparametric methods, techniques for categorical data, regression analysis, analysis of variance, and elements of study design. Applications are stressed. Designed for students desiring more emphasis on theoretical developments. Background in algebra and calculus strongly recommended.

BST201 is restricted to the following programs:
All Degrees in the following departments: Epidemiology (EPI), Division of Biological Sciences (DBS), Environmental Health (EH), Nutrition (NUT)
SM2: Global Health and Population (GHP)
SD and SM1: Social and Behavioral Sciences (SBS)
PHD: Biological Science in Public Health (BPH)
MPH: Quantitative Methods (QM)
Other programs please see ID201

Requirements: Students are required to enroll in both BST 201 and BST 201LAB.

To enroll in a section of BST 201 LAB, students must first enroll in BST 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 201LAB Section: 4

Introduction to Statistical Methods - Required LAB (213470)

Paul Catalano

2023 Fall (0 Credits) Schedule: F 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 24

Covers basic statistical techniques that are important for analyzing data arising from epidemiology, environmental health and biomedical and other public health-related research. Major topics include descriptive statistics, elements of probability, introduction to estimation and hypothesis testing, nonparametric methods, techniques for categorical data, regression analysis, analysis of variance, and elements of study design. Applications are stressed. Designed for students desiring more emphasis on theoretical developments. Background in algebra and calculus strongly recommended.

BST201 is restricted to the following programs:
All Degrees in the following departments: Epidemiology (EPI), Division of Biological Sciences (DBS), Environmental Health (EH), Nutrition (NUT)
SM2: Global Health and Population (GHP)
SD and SM1: Social and Behavioral Sciences (SBS)
PHD: Biological Science in Public Health (BPH)
MPH: Quantitative Methods (QM)
Other programs please see ID201

Requirements: Students are required to enroll in both BST 201 and BST 201LAB.

To enroll in a section of BST 201 LAB, students must first enroll in BST

201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 201LAB Section: 5

Introduction to Statistical Methods - Required LAB (213470)

Paul Catalano

2023 Fall (0 Credits) Schedule: F 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 25

Covers basic statistical techniques that are important for analyzing data arising from epidemiology, environmental health and biomedical and other public health-related research. Major topics include descriptive statistics, elements of probability, introduction to estimation and hypothesis testing, nonparametric methods, techniques for categorical data, regression analysis, analysis of variance, and elements of study design. Applications are stressed. Designed for students desiring more emphasis on theoretical developments. Background in algebra and calculus strongly recommended.

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All Degrees in the following departments: Epidemiology (EPI), Division of Biological Sciences (DBS), Environmental Health (EH), Nutrition (NUT)
SM2: Global Health and Population (GHP)
SD and SM1: Social and Behavioral Sciences (SBS)
PHD: Biological Science in Public Health (BPH)
MPH: Quantitative Methods (QM)
Other programs please see ID201

Requirements: Students are required to enroll in both BST 201 and BST 201LAB.

To enroll in a section of BST 201 LAB, students must first enroll in BST 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 201LAB Section: 6

Introduction to Statistical Methods - Required LAB (213470)

Paul Catalano

2023 Fall (0 Credits) Schedule: R 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 25

Covers basic statistical techniques that are important for analyzing data arising from epidemiology, environmental health and biomedical and other public health-related research. Major topics include descriptive statistics, elements of probability, introduction to estimation and hypothesis testing,

nonparametric methods, techniques for categorical data, regression analysis, analysis of variance, and elements of study design. Applications are stressed. Designed for students desiring more emphasis on theoretical developments. Background in algebra and calculus strongly recommended.

BST201 is restricted to the following programs:
All Degrees in the following departments: Epidemiology (EPI), Division of Biological Sciences (DBS), Environmental Health (EH), Nutrition (NUT)
SM2: Global Health and Population (GHP)
SD and SM1: Social and Behavioral Sciences (SBS)
PHD: Biological Science in Public Health (BPH)
MPH: Quantitative Methods (QM)
Other programs please see ID201

Requirements: Students are required to enroll in both BST 201 and BST 201LAB.

To enroll in a section of BST 201 LAB, students must first enroll in BST 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

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Biostatistics 210 Section: 1

Applied Regression Analysis (190025)

Erin Lake

2023 Fall (5 Credits) Schedule: TR 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 75

Topics include model interpretation, model building, and model assessment for linear regression with continuous outcomes, logistic regression with binary outcomes, and proportional hazards regression with survival time outcomes. Specific topics include regression diagnostics, confounding and effect modification, goodness of fit, data transformations, splines and additive models, ordinal, multinomial, and conditional logistic regression, generalized linear models, overdispersion, Poisson regression for rate outcomes, hazard functions, and missing data. The course will provide students with the skills necessary to perform regression analyses and to critically interpret statistical issues related to regression applications in the public health literature.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | BIO SM60 / BIO SM2 / CBQG SM2
Wave 2 | EPI SM2 / EPI SM1 / DrPH / EH PhD PHS / EH SM2 / HDS SM60 & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing

Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Prerequisite: ID201 or BST201 or (BST202 and BST203) or (BST206 and (BST207 or 208))

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 213 Section: 1

Applied Regression for Clinical Research (190028)

E. Orav

2023 Fall (5 Credits) Schedule: MW 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 125

This course will introduce students involved with clinical research to the practical application of multiple regression analysis. Linear regression, logistic regression and proportional hazards survival models will be covered, as well as general concepts in model selection, goodness-of-fit, and testing procedures. Each lecture will be accompanied by a data analysis using SAS and a classroom discussion of the results. The course will introduce, but will not attempt to develop the underlying likelihood theory. Background in SAS programming ability required.

Course Notes:
1) Lab or section times to be announced at first meeting.

Requirements: Prerequisite: ID201 or BST201 or (BST202 & BST203) or [BST206 & (BST207 or BST208)]. Concurrent enrollment allowed.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 219 Section: 1

Core Principles of Data Science (220088)

Dongdong Li

2023 Fall (5 Credits) Schedule: MW 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 50

Modern technology has led to the generation of unprecedented amounts of data, prompting the need to train researchers to leverage data for decision-making in public health and medicine. This course assumes no prior R or programming knowledge and serves as a gentle, practical introduction to wrangling, visualizing, and modeling data using the R statistical programming language. We also emphasize the importance of reproducible research and effective data science communication.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

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Biostatistics 222 Section: 1

Basics of Statistical Inference (190039)

Rui Duan

2023 Fall (5 Credits) Schedule: MW 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 76

This course will provide a basic, yet thorough introduction to the probability theory and mathematical statistics that underlie many of the commonly used techniques in public health research. Topics to be covered include probability distributions (normal, binomial, Poisson), means, variances and expected values, finite sampling distributions, parameter estimation (method of moments, maximum likelihood), confidence intervals, hypothesis testing (likelihood ratio, Wald and score tests). All theoretical material will be motivated with problems from epidemiology, biostatistics, environmental health and other public health areas. This course is aimed towards second year doctoral students in fields other than Biostatistics. Background in algebra and calculus required.

Course Prerequisites: BST210 or BST213 or PHS2000A&B

Course Note: Lab or section times to be announced at first meeting.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | BIO SM60, BIO SM1, BIO SM2, HDS SM60, CBQG SM2
Wave 2 | DrPH, Nutritional EPI, Public Health Nutrition & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM

Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Prerequisite: BST210 or BST213 or PHS 2000A&B

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 227 Section: 1

Introduction to Statistical Genetics (190044)

Martin Aryee

Sharon Lutz

2023 Fall (2.5 Credits) Schedule: MW 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 60

This course introduces students to the diverse statistical methods used throughout the process of statistical genetics. Topics covered include the basic molecular biology underpinnings of genetics, principles from population genetics, family-based and population-based association testing, genome wide association studies, expression QTL (eQTL) analysis and epigenome-wide association studies. Instructors use ongoing research to illustrate basic principles. Weekly homeworks supplement reading, course lectures, discussion and section. Relevant concepts in genetics and molecular genetics will be reviewed in lectures and labs. The emphasis of the course is fundamental principles and concepts.

Course Note: There will be a weekly lab section; the time will be scheduled at first meeting.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1 | SM2-CBQG
Wave 2 | PHD BPH & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM

Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Prerequisite: BST210 (Concurrent Enrollment Allowed) or PHS2000A (Concurrent Enrollment Allowed)

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

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Biostatistics 230 Section: 1

Probability I (190047)

Jeffrey Miller

2023 Fall (5 Credits) Schedule: TR 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 9

Axiomatic foundations of probability, independence, conditional probability, joint distributions, transformations, moment generating functions, characteristic functions, moment inequalities, sampling distributions, modes of convergence and their interrelationships, laws of large numbers, central limit theorem, and stochastic processes.

Course Note: lab or section times to be announced at first meeting; cross-listed: Harvard Chan Students must register for the Harvard Chan course.
Course Prerequisites: You must be a Biostatistics student or have taken BST222 to register for this course. If you have taken BST222 and are not a Biostatistics student, please ask the instructor for an instructor override.

Requirements: You must be a Biostatistics student or have taken BST222 to register for this course. If you have taken BST222 and are not a Biostatistics student, please ask the instructor for an instructor override.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 232 Section: 1

Methods (190049)

Rachel Nethery

2023 Fall (5 Credits) | Schedule: MW 0800 AM - 0930 AM

Instructor Permissions: None | Enrollment Cap: 27

Introductory course in the analysis of Gaussian and categorical data. The general linear regression model, ANOVA, robust alternatives based on permutations, model building, resampling methods (bootstrap and jackknife), contingency tables, exact methods, logistic regression.

Course Note: Students requesting a Pass/Fail option must do all homework and take all exams. Enrollment in the Department of Biostatistics, or signature of instructor required; lab or section times to be announced at first meeting. Cross-listed: Harvard Chan School of Public Health students must register for Harvard Chan course.

Requirements: Course Restricted: Students in the Biostatistics department
Pre-Requisites: BST 210 and BST 222 or permission of instructor

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 235 Section: 1

Advanced Regression and Statistical Learning (190052)

Junwei Lu

2023 Fall (5 Credits) | Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None | Enrollment Cap: 17

An advanced course in linear models, including both classical theory and methods for high dimensional data. Topics include theory of estimation and hypothesis testing, multiple testing problems and false discovery rates, cross validation and model selection, regularization and the LASSO, principal components and dimensional reduction, and classification methods. Background in matrix algebra and linear regression required.

Course Note: Lab or section times to be announced at first meeting; cross-listed: Harvard Chan Students must register for the Harvard Chan course.

Requirements: Pre-requisites: BST231 and (BST 232 or BST233).

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 245 Section: 1

Analysis of Multivariate and Longitudinal Data (190060)

Tom Chen

2023 Fall (5 Credits) Schedule: TR 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 5

Presents classical and modern approaches to the analysis of multivariate observations, repeated measures, and longitudinal data. Topics include the multivariate normal distribution, Hotelling's T2, MANOVA, the multivariate linear model, random effects and growth curve models, generalized estimating equations, statistical analysis of multivariate categorical outcomes, and estimation with missing data. Discusses computational issues for both traditional and new methodologies.

Course Note: Lab or section times to be announced at first meeting; cross-listed: Harvard Chan Students must register for the Harvard Chan course.

Requirements: Pre-requisites: BST231 or permission of the instructor

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 249 Section: 1

Bayesian Methodology in Biostatistics (190064)

Lorenzo Trippa

2023 Fall (5 Credits) Schedule: TR 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 20

General principles of the Bayesian approach, prior distributions, hierarchial models and modeling techniques, approximate inference, Markov chain Monte Carlo methods, model assessment and comparison. Bayesian approaches to GLMMs, multiple testing, nonparametrics, clinical trails, survival analysis.

Course Note: lab or section times to be announced at first meeting; cross-listed: Harvard Chan Students must register for the Harvard Chan course.

Requirements: Prerequisites: BST231 and BST232 or instructor permission required

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 260 Section: 1

Introduction to Data Science (190068)

Rafael A. Irizarry

2023 Fall (5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: Instructor Enrollment Cap: 100

This course introduces concepts and skills that can help you tackle real-world data analysis challenges. The skills include file organization with UNIX/Linux shell, version control with git and GitHub, R programming,

data wrangling with dplyr and data.table, data visualization with ggplot2 and shiny, and reproducible document preparation with RStudio, knitr and markdown. We briefly introduce Monte Carlo simulations, statistical modeling, high-dimensional data techniques, and machine learning and how these are applied to real data. Throughout the course, we use motivating case studies and data analysis problem sets based on challenges similar to those you encounter in scientific research. We assume students have taken a probability and statistics course and have basic programming skills.

Course Note: Students not matriculated in an HSPH Biostatistics (HDS SM60, BIO SM80 / SM60 / SM1, and CBQG SM80) graduate program will be required to pass a diagnostic test testing basic math, probability, statistics, and programming to enroll in the course. Lab or section times to be announced at first meeting.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | SM60-HDS
Wave 2 | BIO SM2 / BIO SM60 / BIO SM1 / CBQG SM2
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Class priority to BIO SM1, BIO SM2, BIO SM60, PHD Biostatistics, HDS SM 60, CBQG SM80. Others may petition.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 262 Section: 1

Computing for Big Data (205329)

Georg Hahn

2023 Fall (2.5 Credits) Schedule: MW 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 50

This course will give a critical presentation of software implementations, theoretical/algorithmic software development, and modern software tools to collect, store, and process data at scale. This will include hands-on programming practice, R package development (with C++ integration), software design and good software development practice, multiprocessing with OpenMP, cloud computing on the Harvard computing cluster, container images (Docker), and an introduction to big data stacks. A basic level of programming in R and C++ is required. The goal of the course is not only limited to recipes to manipulate data, but to learn state of the art workflows for software design and dissemination, software tool selection, and maintenance. We will see how big data influences several aspects of data science (for instance, software development and data management) and how we can leverage modern tools to work with data efficiently.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | SM60-HDS
Wave 2 | BIO SM2 / BIO SM60 / BIO SM1 / CBQG SM2
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

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**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 273 Section: 1

Introduction to Programming (207985)

Eric Franzosa

2023 Fall (2.5 Credits) Schedule: MW 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 50

This is an introduction course on programming. Students will learn programming skills and apply to solve common problems in data analysis. Computational programming techniques will be introduced along with statistical methods. The format of the course contains lectures, hands-on computer labs, and practical projects. The official programming language for this class is Python.

Course Note: Lab or section times to be announced at first meeting.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

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Biostatistics 280 Section: 1

Introductory Genomics & Bioinformatics for Health Research (190097)

John Quackenbush

Camila Lopes-Ramos

2023 Fall (2.5 Credits) Schedule: TR 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 50

This survey course is intended for a wide audience and will provide an introduction to genomics-inspired techniques and bioinformatics tools, including genome sequencing, DNA microarrays, proteomics, and publicly available databases and software tools.

Course Note: Lab or section times to be announced at first meeting.
Course Prerequisites: ID201 or [BST201 or (BST202 & 203) or (BST206 & (BST207 or 208)) and (EPI201 or EPI500)], or permission of instructor. Courses may be taken concurrently.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1 | SM2-CBQG
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

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no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Pre-requisites: ID201 or [BST201 or (BST202 and BST203) or (BST206 and (BST207 or BST208)) and (EPI201 or EPI500)].

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 283 Section: 1

Cancer Genome Data Science (203516)

Scott Carter

2023 Fall (5 Credits) Schedule: TR 1130 AM - 1259 PM

Instructor Permissions: None Enrollment Cap: 25

This course is an introduction to modern statistical computing techniques used to characterize and interpret cancer genome sequencing datasets. This Master's level course will begin with a basic introduction to DNA, genes, and genomes for students with no biology background. It will then introduce cancer as an evolutionary process and review landmarks in the history of cancer genetics, and discuss the basics of sequencing technology and modern Next Generation Sequencing. The course will cover the main steps involved in turning billions of short sequencing reads into a representation of the somatic genetic alterations characterizing an individual patient's cancer, and will build on this foundation to study topics related to identifying mutations under positive selection from multiple tumors sampled in a population.

By the end of the course, students will be able to apply state-of-the art analysis to cancer genome datasets and to critically evaluate papers employing cancer genome data.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 300 Section: 1

Independent Study (190099)

Brent Coull

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of

faculty time available. These studies are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 300 Section: 2

Independent Study (190099)

Brent Coull

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These studies are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 300 Section: 3

Independent Study (190099)

Brent Coull

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These studies are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 305 Section: 1

Independent Study - CPT (220776)

Brent Coull

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These studies are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 305 Section: 2

Independent Study - CPT (220776)

Brent Coull

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These studies are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 305 Section: 3

Independent Study - CPT (220776)

Brent Coull

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These studies are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 311 Section: 1

Teaching Assistant (190102)

Brent Coull

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Work with members of the department in laboratory instruction and the development of teaching materials.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 311 Section: 2

Teaching Assistant (190102)

Brent Coull

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Work with members of the department in laboratory instruction and the development of teaching materials.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 311 Section: 3

Teaching Assistant (190102)

Brent Coull

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Work with members of the department in laboratory instruction and the development of teaching materials.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 316 Section: 1

Quantitative Genomics Lab Rotation (190107)

Xihong Lin

2023 Fall (2.5 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Only available for students in the Interdisciplinary Research Training in Biostatistics and Computational Biology program

Complete lab rotation with members of the department in quantitative genomics.

Requirements: Students outside of HSPH must request instructor permission to enroll

in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 316 Section: 2

Quantitative Genomics Lab Rotation (190107)

Xihong Lin

2023 Fall (2.5 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Only available for students in the Interdisciplinary Research Training in Biostatistics and Computational Biology program

Complete lab rotation with members of the department in quantitative genomics.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 316 Section: 3

Quantitative Genomics Lab Rotation (190107)

Xihong Lin

2023 Fall (2.5 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Only available for students in the Interdisciplinary Research Training in Biostatistics and Computational Biology program

Complete lab rotation with members of the department in quantitative genomics.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 325 Section: 1

Biostatistics Master's Thesis (190108)

Erin Lake

Jeffrey Miller

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Limited to students in the Biostatistics SM60 program, this ordinally graded thesis will include data analyses, data interpretation, and comparison of alternative methods, and will culminate in the student's written Master's thesis and oral presentation.

Requirements: Course Restriction: Restricted to students in the SM60-BIO Program

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 325 Section: 2

Biostatistics Master's Thesis (190108)

Erin Lake

Jeffrey Miller

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Limited to students in the Biostatistics SM60 program, this ordinally graded thesis will include data analyses, data interpretation, and comparison of alternative methods, and will culminate in the student's written Master's thesis and oral presentation.

Requirements: Course Restriction: Restricted to students in the SM60-BIO Program

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 325 Section: 3

Biostatistics Master's Thesis (190108)

Erin Lake

Jeffrey Miller

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Limited to students in the Biostatistics SM60 program, this ordinally graded thesis will include data

analyses, data interpretation, and comparison of alternative methods, and will culminate in the student's written Master's thesis and oral presentation.

Requirements: Course Restriction: Restricted to students in the SM60-BIO Program

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Subject: Health Data Science

Health Data Science 325 Section: 1

Health Data Science Capstone Course (207859)

Tamar Sofer

Santiago Romero-Brufau

2023 Fall (7.5 Credits) Schedule: MW 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 30

The overall objective of this course is to allow students to integrate and apply various methods introduced in previous core coursework in the master's in Health Data Science program to real-world data sets across knowledge domains, with a focus on building and implementing a data science solution. This is a predominantly project-based course with lectures focusing on project planning and execution, career development and special advanced topics in data science. Throughout the course, students will complete a data science project and develop a plan for how it will be used including considerations for user, data, modeling and implementation.

Requirements: Prerequisites: BST222 and BST260 and BST261 and BST262 and BST263

Limited to Health Data Science masters students in the final semester of their program.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Subject: Computational Biol and Quant G

Computational Biol and Quant G 325 Section: 1

CBQG Collaborative Research Thesis (190143)

John Quackenbush

Peter Kraft

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

This course provides students with valuable real-world experience doing research in Boston's premier biomedical institutions. Students are mentored by a member of the program faculty or other affiliated quantitative scientist working in clinical and epidemiological research projects at HSPH, Harvard University, or Harvard-affiliated hospitals.

The Collaborative Research Thesis will normally be undertaken during the fourth (spring) semester, after coursework has been completed. It will be presented in both oral and written form before a committee consisting of the thesis advisor and two additional program faculty. Students with a more extensive background may be permitted to undertake their thesis research during the summer following their second semester, and complete the entire program in as little as 16 months.

Students in the program must complete a 10-20 credit thesis, and so could register for this course possibly 2 to 4 times to achieve the total number of credits. Only students in this program are eligible to register for this course.

Requirements: Course Restricted: Students in the CBQG SM2 program

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Computational Biol and Quant G 325 Section: 2

CBQG Collaborative Research Thesis (190143)

John Quackenbush

Peter Kraft

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

This course provides students with valuable real-world experience doing research in Boston's premier biomedical institutions. Students are mentored by a member of the program faculty or other affiliated quantitative scientist working in clinical and epidemiological research projects at HSPH, Harvard University, or Harvard-affiliated hospitals.

The Collaborative Research Thesis will normally be undertaken during the fourth (spring) semester, after coursework has been completed. It will be presented in both oral and written form before a committee consisting of the thesis advisor and two additional program faculty. Students with a more extensive background may be permitted to undertake their thesis research during the summer following their second semester, and complete the entire program in as little as 16 months.

Students in the program must complete a 10-20 credit thesis, and so could register for this course possibly 2 to 4 times to achieve the total number of credits. Only students in this program are eligible to register for this course.

Requirements: Course Restricted: Students in the CBQG SM2 program

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Computational Biol and Quant G 325 Section: 3

CBQG Collaborative Research Thesis (190143)

John Quackenbush

Peter Kraft

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

This course provides students with valuable real-world experience doing research in Boston's premier biomedical institutions. Students are mentored by a member of the program faculty or other affiliated quantitative scientist working in clinical and epidemiological research projects at HSPH, Harvard University, or Harvard-affiliated hospitals.

The Collaborative Research Thesis will normally be undertaken during the fourth (spring) semester, after coursework has been completed. It will be presented in both oral and written form before a committee consisting of the thesis advisor and two additional program faculty. Students with a more extensive background may be permitted to undertake their thesis research during the summer following their second semester, and complete the entire program in as little as 16 months.

Students in the program must complete a 10-20 credit thesis, and so could register for this course possibly 2 to 4 times to achieve the total number of credits. Only students in this program are eligible to register for this course.

Requirements: Course Restricted: Students in the CBQG SM2 program

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Subject: Interdepartmental

Interdepartmental 201 Section: 1

Core Principles of Biostatistics and Epidemiology for Public Health Practice (190737)

Heather Mattie

Murray Mittleman

2023 Fall (7.5 Credits) Schedule: T 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 174

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills

necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Didactic lectures will be posted on the course website along with self-assessment questions. There is one required in-person interactive class session and one in-person lab session each week. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

For Section 3 (MPH GEN ONLY):
Same as above, except : MPH GEN students will be offered one synchronous interactive class session and one weekly lab session on Zoom each week.

Requirements: Course is mutually exclusive with BST202 and BST203.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Interdepartmental 201 Section: 2

Core Principles of Biostatistics and Epidemiology for Public Health Practice (190737)

Heather Mattie

Murray Mittleman

2023 Fall (7.5 Credits) Schedule: R 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 174

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Didactic lectures will be posted on the course website along with self-assessment questions. There is one required in-person interactive class session and one in-person lab session each week. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

For Section 3 (MPH GEN ONLY):
Same as above, except : MPH GEN students will be offered one synchronous interactive class session and one weekly lab session on Zoom each week.

Requirements: Course is mutually exclusive with BST202 and BST203.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Interdepartmental 201 Section: 3

Core Principles of Biostatistics and Epidemiology for Public Health Practice (190737)

Murray Mittleman

Heather Mattie

2023 Fall (7.5 Credits) Schedule: R 0500 PM - 0630 PM

Instructor Permissions: None Enrollment Cap: 60

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Didactic lectures will be posted on the course website along with self-assessment questions. There is one required in-person interactive class session and one in-person lab session each week. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

For Section 3 (MPH GEN ONLY):
Same as above, except : MPH GEN students will be offered one synchronous interactive class session and one weekly lab session on Zoom each week.

Class Notes: Section 3 of ID 201 is reserved for MPH-GEN students.

Note about labs: There will be an (optional) associated synchronous lab session offered that will be recorded and available to view asynchronously.

Requirements: Course is mutually exclusive with BST202 and BST203.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Interdepartmental 201LAB Section: 01

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

Brent Coull

2023 Fall (0 Credits) Schedule: R 0200 PM - 0330 PM
R 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 30

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: Students are required to enroll in ID 201 and ID 201LAB.

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Interdepartmental 201LAB Section: 03

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

Brent Coull

2023 Fall (0 Credits) Schedule: R 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 30

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: Students are required to enroll in ID 201 and ID 201LAB.

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Interdepartmental 201LAB Section: 04

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

Brent Coull

2023 Fall (0 Credits) Schedule: F 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 30

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: Students are required to enroll in ID 201 and ID 201LAB.

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Interdepartmental 201LAB Section: 05

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

Brent Coull

2023 Fall (0 Credits) Schedule: F 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 30

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: Students are required to enroll in ID 201 and ID 201LAB.

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Interdepartmental 201LAB Section: 06

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

Brent Coull

2023 Fall (0 Credits) Schedule: F 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 30

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening

tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: Students are required to enroll in ID 201 and ID 201LAB.

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Interdepartmental 201LAB Section: 07

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

Brent Coull

2023 Fall (0 Credits) Schedule: R 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 30

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: Students are required to enroll in ID 201 and ID 201LAB.

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Interdepartmental 201LAB Section: 08

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

Brent Coull

2023 Fall (0 Credits) Schedule: R 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 30

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills

necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: Students are required to enroll in ID 201 and ID 201LAB.

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Interdepartmental 201LAB Section: 10

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

Brent Coull

2023 Fall (0 Credits) Schedule: F 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 30

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: Students are required to enroll in ID 201 and ID 201LAB.

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Interdepartmental 201LAB Section: 11

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

Brent Coull

2023 Fall (0 Credits) Schedule: R 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 30

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: Students are required to enroll in ID 201 and ID 201LAB.

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Interdepartmental 201LAB Section: 12

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Murray Mittleman

Heather Mattie

Brent Coull

2023 Fall (0 Credits) Schedule: R 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 30

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: Students are required to enroll in ID 201 and ID 201LAB.

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Interdepartmental 201LAB Section: 13

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 40

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Class Notes: ID 201 LABs 13, 14, and 15 are reserved for MPH-GEN students. Although this lab is optional, MPH-GEN students must enroll in this LAB section to complete their enrollment in ID 201 LAB.

Requirements: Students are required to enroll in ID 201 and ID 201LAB.

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Interdepartmental 201LAB Section: 14

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

Brent Coull

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 40

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Class Notes: ID 201 LABs 13, 14, and 15 are reserved for MPH-GEN students. Although this lab is optional, MPH-GEN students must enroll in this LAB section to complete their enrollment in ID 201 LAB.

Requirements: Students are required to enroll in ID 201 and ID 201LAB.

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Interdepartmental 945A Section: 1

Applied Practice and Integrative Learning Experience for Quantitative Methods (205234)

Marcia Testa

2023 Fall (1.25 Credits) Schedule: T 0530 PM - 0720 PM

Instructor Permissions: None Enrollment Cap: 45

QM Master of Public Health students develop a practicum project, many with collaborators from their home institutions, under the supervision of a local mentor or preceptor, and if required a member of the faculty at Harvard Chan. This practicum should include aspects of epidemiology, biostatistics, decision sciences, or other quantitative aspects of public health. Students should apply the competencies learned in core courses to an actual investigation. During Fall 1 and 2 semesters, students must attend class sessions during which the various components of the practicum and culminating experience will be described and opportunities for practicum projects will be discussed. Prior to the end of Fall 2, students must submit a written proposal for the practicum along with the approval signature of the qualified individual indicating an agreement to act as the local mentor or preceptor for the practicum project. This proposal is reviewed by the Harvard Chan course instructors. During Spring 1, students must give a brief oral presentation to the class describing their practicum activities progress. Students must also submit three written interim progress reports (Review of the Literature, Detailed Study Outline, Field Study or Expert Interview Report) during Spring 1 and one written interim progress report (Data Management/Statistical Analysis Report) during Spring 2 according to the schedule outlined in the course syllabus. As part of their required MPH "culminating experience", during Spring 2 students must submit a structured abstract which will be published in the annual MPH QM Abstract book and give a poster presentation during the scheduled MPH QM Annual Poster Day Sessions They also must attend all Poster Day Sessions when they are not presenting and submit at least six written reviews critiquing the practicum project posters of their fellow students. Finally, all students must submit their practicum project as a final written report which would be considered suitable for publication.

Course Note: Students must attend the scheduled Fall 1, Fall 2, Spring 1 and Spring 2 classes and presentations as noted in the course syllabus.

Grade Note: ID 945 is a yearlong class comprised of two parts: Part A in the Fall and Part B in the Spring. Students only receive a grade in ID 945 after they have completed both Part A and Part B.
At the end of the Fall term, students will receive an "IP" ("in progress") grade in ID 945A. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of the Spring term. This means the 1.25 credits from ID 945A will not be reflected in the student's transcript when the "IP" grade is present. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits the student earned from ID 945.

Requirements: Course restricted to students in the MPH45 Quantitative Methods (academic year) program HSPH: ID 945A/B

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH:Year Long Course	HSPH:Year Long Course

Doctor of Public Health

Subject: Doctor of Public Health

Doctor of Public Health 200 Section: 1

Qualitative Methods in Health Research: Practice, Principles, and Critical Considerations (203335)

Emma-Louise Aveling

2023 Fall (2.5 Credits)		Schedule:	TR 1130 AM - 0100 PM
Instructor Permissions:	None	Enrollment Cap:	20

Whether you plan to conduct qualitative research yourself or to use existing qualitative research to inform your professional practice, this course provides a framework for understanding when qualitative methodologies can help you answer the questions you care about, which designs are appropriate, and how to evaluate the quality of qualitative research. The course introduces fundamental questions, principles, and skills necessary to critically design, conduct, interpret, and appraise qualitative research. Through interactive sessions combining lectures, discussions, and practice exercises, we aim to cultivate practical knowledge and critical awareness essential to conducting high-quality, ethical, reflexive qualitative research.

We begin by exploring the philosophical foundations and key characteristics of the qualitative research paradigm and the value of qualitative methodologies for health research. Throughout the course, we critically reflect on the implications of such foundational philosophical and theoretical positionings for the practice of qualitative research, i.e., for designing, conducting, and evaluating qualitative research projects. For example, recognizing that historical, social, and structural forces shape (all) research processes, we explore: epistemological assumptions concerning what (or whose) knowledge 'counts' as legitimate and how those assumptions shape methodological designs; debates about which criteria can or should be used to establish quality in qualitative research; ethical issues that extend beyond procedural compliance to include context-specific and relational dimensions of research design and fieldwork practices; and reflexive considerations of our public health researcher role(s) and relationships with stakeholders in diverse fields.

Interactive class sessions and assignments focus equally on developing practical skills for conducting qualitative research, including generating data through interviews, focus groups, observations, and analyzing qualitative data. Students will have opportunities to design and plan qualitative studies, conduct and evaluate observations and interviews, critically appraise and debate quality and ethical issues, and practice analyzing qualitative data. Assessment is through class participation, individual assignments, and a small group project.

Note that in aiming to cover a breadth of topics, this course does not provide in-depth or advanced-level training on any one aspect of qualitative data generation or analysis. There are no prerequisites for this course.

Class Notes: A course materials fee may apply for this course. An upper estimate is

listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1 | DRPH
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $50
All: Cross Reg Availability	Available for Harvard Cross Registration

Doctor of Public Health 242A Section: 1

Leadership in Public Health: Personal Mastery II (212966)

Fawn Phelps

Perry Dougherty

2023 Fall (1.25 Credits) Schedule: W 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 10

Leadership in Public Health: Personal Mastery Integration is an extension of the DrPH 240 course that forms the foundation of the DrPH's leadership development within the Enabling Change curriculum. The DrPH leadership development programming is rooted in understanding and applying leadership theory. This

course emphasizes learning through experiential exercises and reflective practices. DrPH 242 is intended to offer ongoing theoretical and practical integration of the leadership development principles.

Requirements: HSPH: DRPH Students + Pre-Requisite DRPH 240

Additional Course Attributes:

Attribute	Value(s)
HSPH:Year Long Course	HSPH:Year Long Course
HSPH: Course Material Fee Tier	< $50
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 250 Section: 1

Enabling Teams (204256)

Predrag Stojicic

Jennifer Goldsmith

2023 Fall (2.5 Credits) Schedule: MW 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 10

The DrPH Enabling Change program is premised on the belief that effective public health practitioners must augment traditional research skills and methodologies with learning how to enable positive change at four levels: within themselves, amongst their teams, inside their organizations, and across systems. This course is part two of that sequence; it is preceded by courses in personal mastery (DrPH 240) and communications (DrPH 260) and will be followed by a course on leading change in organizations, in systems, and through movements (DrPH 251).

Enabling Teams is included in recognition that in many public health organizations, teams have emerged as a preferred work arrangement. Under the right conditions, a team's capacity may exceed that of a similar number of individuals working autonomously when the specialized knowledge of team members can be effectively coordinated and leveraged by leadership. As the problems that communities face increase in scope and complexity, delivering change via teams is increasingly necessary.

The Enabling Teams course is also designed to help students prepare for their winter field immersion experience. Students will be introduced to a range of frameworks, models, empirical research, simulations, and case-based discussions, which are focused on collaborative decision-making and the effective use of teams and "teaming" to solve key problems. To aid students who are concurrently planning for their January field immersion experience, which they will engage as small working groups, this course will include "lab" sessions that will enable students to practice applying critical skills related to course concepts and competencies.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: Course restricted to DRPH students

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $50
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 255A Section: 1

Team Based Case Development Immersion: Dynamics of Teams in Systems (222709)

Jennifer Goldsmith

2023 Fall (1 Credits) Schedule: W 0530 PM - 0645 PM

Instructor Permissions: None Enrollment Cap: 11

Public Health and the healthcare industry are in an era of increasingly rapid change. The complexity of public health and healthcare issues, healthcare financing and operations, and intractable public health challenges call for dynamic, thoughtful, and inclusive leadership. Now more than ever, public health practitioners must develop leadership skills that enable them to work across programmatic and systemic "silos" while engaging and working with diverse communities, topic experts, and other stakeholders.

DrPH 255 is a real-time dive into community-focused public health interventions. This course integrates the development of leadership, problem-solving, and teamwork skills through reflection, interviews, assessment, and synthesis. The course gives you an opportunity to get involved in the community and put your classroom theories to the test. Student teams work with a host organization and a faculty mentor to develop a robust teaching case reflecting on complex organizational decision points or challenges. DrPH teams initially engage with the host in the fall, spend full time for three weeks in January and continue working with the host to complete deliverables through March.

The course focuses on three key areas:

1. Working effectively in teams to produce a product reflecting on a community-focused client organization.
2. Stakeholder engagement and cross-sector collaboration (e.g., clinicians, frontline health center and mental health staff, educators, community health workers, community organizations, and residents).
3. Working effectively and authentically with diverse populations.

Grade Note: DRPH 255 is a yearlong class comprised of three parts: Part A in the Fall, Part B in the Winter, and Part C in the Spring. For enrollment purposes and planning credit totals, students should factor 1 credit during the Fall, .5 credits in Winter, and 1 credit in the Spring. Students only receive a grade in DRPH 255 after they have completed Parts A through C. At the end of the Fall term and WinterSession, students will receive an "IP" ("in progress") grade in DRPH 255A and 255B. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of the Spring term. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits the student earned from DRPH 255.

Requirements: HSPH: DRPH

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $25
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 290A Section: 1

DrPH Doctoral Seminar (205228)

Gillian Christie

2023 Fall (1.25 Credits) Schedule: R 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 10

The DrPH Doctoral Project Seminar is required for all DrPH second year students. Its objective is to guide DrPH students through a structured and collaborative approach in support of development of their third year Doctoral Project.

The seminar will run in two phases: DRPH 290A in Fall 2 and DPH 290B in Spring. In Fall 2, students will commence preparations for their third-year Doctoral Project. Students will begin to articulate their own project ideas, research potential host organizations, and engage with the DrPH alumni community. In Spring 1, students will focus on workshopping and finalizing their Doctoral Project plans. During Spring 2, students will continue to understand the essentials for writing their doctoral thesis. Students will also have the opportunity to provide peer feedback in preparation for writing their final project proposal and their Oral Qualifying Exam (OQE).

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: Restricted to second year students in the DRPH program

Additional Course Attributes:

Attribute	Value(s)
HSPH:Year Long Course	HSPH:Year Long Course
HSPH: Course Material Fee Tier	< $25
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 301 Section: 3

Independent Study (205548)

Richard Siegrist

2023 Fall (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Doctor of Public Health 350 Section: 1

Doctoral Project (Residence) (203349)

Richard Siegrist

2023 Fall (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 350 Section: 2

Doctoral Project (Residence) (203349)

Nancy Turnbull

2023 Fall (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 350 Section: 3

Doctoral Project (Residence) (203349)

Peter Berman

2023 Fall (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 350 Section: 4

Doctoral Project (Residence) (203349)

Margaret Kruk

2023 Fall (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 350 Section: 5

Doctoral Project (Residence) (203349)

Kasisomayajula Viswanath

2023 Fall (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 350 Section: 6

Doctoral Project (Residence) (203349)

Jesse Bump

2023 Fall (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 350 Section: 7

Doctoral Project (Residence) (203349)

Vaughan Rees

2023 Fall (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 400 Section: 1

Doctoral Project (Non-Resident) (203350)

Richard Siegrist

2023 Fall (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 400 Section: 2

Doctoral Project (Non-Resident) (203350)

Nancy Turnbull

2023 Fall (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 400 Section: 3

Doctoral Project (Non-Resident) (203350)

Peter Berman

2023 Fall (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 400 Section: 4

Doctoral Project (Non-Resident) (203350)

Margaret Kruk

2023 Fall (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 400 Section: 5

Doctoral Project (Non-Resident) (203350)

Kasisomayajula Viswanath

2023 Fall (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 400 Section: 6

Doctoral Project (Non-Resident) (203350)

Jesse Bump

2023 Fall (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

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Doctor of Public Health 400 Section: 7

Doctoral Project (Non-Resident) (203350)

Vaughan Rees

2023 Fall (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Environmental Health

Subject: Environmental Health

Environmental Health 205 Section: 1

Human Physiology (190168)

Nancy Long Sieber

2023 Fall (5 Credits) Schedule: MW 0945 AM - 1115 AM
M -
MW -
M -

Instructor Permissions: None Enrollment Cap: 35

As an introduction to the principles governing function in the human body, this course is designed to provide a framework in physiology for future public health researchers and professionals who have not taken college level physiology courses. Emphasis is placed on the concept of homeostasis and on integrative aspects of physiology. Examples of pathophysiology and environmental physiology will highlight these processes.

Course Activities: Problem sets, exams, laboratory.

Course Note: College-level introductory biology

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Plans and Subplans
Wave 2 | PHD BPH, PHS SBS, PHS EPI & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 241 Section: 1

Occupational Safety and Injury Prevention (190177)

Ted Courtney
Robert Spielvogel

2023 Fall (2.5 Credits) Schedule: R 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 28

This course in occupational safety works towards the prevention of work-related injury and illnesses through proactive management and control of workplace hazards. The primary objectives of the course are to: (1) identify fundamental workplace hazards, (2) develop a basis of basic government and voluntary regulations, (3) understand issues pertaining to specific and different industries, and (4) understand various safety management programs.

Course Activities: Lectures and group discussions, and a term project.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Plans and Subplans
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $50

Environmental Health 245 Section: 1

Statistical Methods for Environmental Mixtures and Exposome Research (222545)

Andrea Bellavia

2023 Fall (2.5 Credits)		Schedule:	WF 1130 AM - 0100 PM
Instructor Permissions:	None	Enrollment Cap:	30

This course will cover statistical methods for the assessment of complex environmental exposures, such as pollutants and chemical mixtures, within the exposome framework. We will describe the analytical challenges involved in the joint evaluation of multiple environmental factors and provide an overview to a variety of analytical tools. Topics will include: data reduction techniques such as principal component analysis (PCA) and clustering; classical methods (multiple regression) and their limitations; variable selection techniques (Lasso, ridge regression, elastic net); statistical methods for environmental mixtures such as Bayesian Kernel Machine Regression (BKMR) and Weighted Quantile Sum (WQS) Regression; introduction to basic machine learning (ML) in environmental health; integrating environmental mixtures in health disparities research. The course will integrate lectures presenting the methods, case-studies from recently published papers, and hands-on data sessions. Lectures will present in a rigorous yet non-theoretical way the methods of interest, discussing when each method presented is appropriate for use and for which research question it can be applied.

Requirements: Pre-Requisite: BST 201, BST 210, and PHS2000A (these classes can be taken concurrently)

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 249 Section: 1

Built Environment, Nature, and Health (213255)

Peter James

2023 Fall (2.5 Credits)		Schedule:	WF 0345 PM - 0515 PM
Instructor Permissions:	None	Enrollment Cap:	40

The built environment – our homes, schools, businesses, streets and sidewalks, and transportation options – and the natural environment – features such as vegetation, water, parks, and open spaces – directly and indirectly impact health and well-being. The places where we live, learn, work, and play can determine our exposure to pollution, influence our health behaviors, and ultimately drive disease risk. The built and natural environment can contribute to health outcomes that are the major contributors to morbidity and mortality in the US, and increasingly globally. Moreover, decisions on how we have designed our built and natural environments are long-lasting and can disproportionately impact the health of individuals of varied ages, abilities, races, ethnicities, and socioeconomic levels. Through this course, participants will learn how to study the influence of built and natural environments on an array of health outcomes, receive a basic introduction to Geographic Information Systems (GIS) (no prior knowledge required), will learn to assess the evidence behind different associations observed in the literature, and will explore the policy and decision-making processes that facilitate built and natural environment changes.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 263 Section: 1

Analytical Methods and Exposure Assessment (190191)

Gary Adamkiewicz

Jaime Hart

2023 Fall (5 Credits)		Schedule:	TR 0345 PM - 0515 PM
Instructor Permissions:	None	Enrollment Cap:	30

This course will examine methodological issues associated with the design and execution of studies designed to measure environmental exposure to chemical and biological contaminants. The first half of the course will be lecture based, and will address topics such as: study design issues, implementation of quality control/ quality assurance programs, data analysis, protocols for sampling air, water, sediments, and soil for contaminants of concern, and analytical techniques used to measure chemical and biological constituents in the laboratory. During the second half of the semester, groups of students will design and execute their own field investigation using these techniques. The design and results of these projects are presented in class.

Course Activities: Lectures, written reports, problem sets, exams, class presentations, field work and final paper.
Course restricted: Environmental Health students (or instructor permission)

Requirements: Course Restricted: Students in the Environmental Health department

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 268 Section: 1

Principles and Practices of Leadership for Environmental and Occupational Health Professionals (208067)

Edward Baker

Louis DiBerardinis

2023 Fall (2.5 Credits)		Schedule:	M 0345 PM - 0515 PM
Instructor Permissions:	None	Enrollment Cap:	16

The course is designed to provide environmental and occupational health professionals with a conceptual foundation regarding the guiding principles and best practices of effective leadership and management in organizations. Using textbook readings, published articles, case studies, and online leader interviews, students will learn research-based theory and the application of theory to practice. Students will also complete leadership style self-assessments and join classmates in an online blog forum before class sessions. Class sessions will consist of very limited presentation of content with most class time allocated to a facilitated conversation designed to stimulate reflection on readings, interviews, work experiences, and blogposts. A final component will include development and presentation of each student's personal leadership framework, based on their selection of theories and practices, which is designed to serve as a guide to future leadership practice and development.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Plans and Subplans
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Environmental Health 300 Section: 1

Independent Study (190217)

Zhi-Min Yuan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 10

Independent Study (190217)

Jack Dennerlein

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 102

Independent Study (190217)

Susan Korrick

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 103

Independent Study (190217)

Jin-Ah Park

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air

pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 103

Independent Study (190217)

Susan Korrick

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 104

Independent Study (190217)

Susan Korrick

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 105

Independent Study (190217)

Bernardo Lemos

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 106

Independent Study (190217)

Bernardo Lemos

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 107

Independent Study (190217)

Bernardo Lemos

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 108

Independent Study (190217)

Gary Adamkiewicz

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 109

Independent Study (190217)

Gary Adamkiewicz

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 11

Independent Study (190217)

Jack Dennerlein

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 110

Independent Study (190217)

Gary Adamkiewicz

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 111

Independent Study (190217)

Joseph Allen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 112

Independent Study (190217)

Joseph Allen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 113

Independent Study (190217)

Joseph Allen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 114

Independent Study (190217)

Maitreyi Mazumdar

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 115

Independent Study (190217)

Maitreyi Mazumdar

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 116

Independent Study (190217)

Maitreyi Mazumdar

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 12

Independent Study (190217)

Jack Dennerlein

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 121

Independent Study (190217)

Tamarra James-Todd

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 122

Independent Study (190217)

Tamarra James-Todd

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 123

Independent Study (190217)

Tamarra James-Todd

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 126

Independent Study (190217)

David Macintosh

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 13

Independent Study (190217)

Douglas Dockery

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 134

Independent Study (190217)

Eileen McNeely

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 135

Independent Study (190217)

Nancy Long Sieber

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 136

Independent Study (190217)

David Macintosh

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 137

Independent Study (190217)

David Macintosh

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 138

Independent Study (190217)

Shruthi Mahalingaiah

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 139

Independent Study (190217)

Jaime Hart

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 14

Independent Study (190217)

Douglas Dockery

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 140

Independent Study (190217)

Carmen Messerlian

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 141

Independent Study (190217)

Carmen Messerlian

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 142

Independent Study (190217)

Carmen Messerlian

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 15

Independent Study (190217)

Douglas Dockery

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 16

Independent Study (190217)

John Evans

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 17

Independent Study (190217)

John Evans

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 18

Independent Study (190217)

John Evans

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 19

Independent Study (190217)

Jeffrey Fredberg

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 2

Independent Study (190217)

Zhi-Min Yuan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 2

Independent Study (190217)

Marc Weisskopf

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 20

Independent Study (190217)

Jeffrey Fredberg

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 21

Independent Study (190217)

Jeffrey Fredberg

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 22

Independent Study (190217)

Shruthi Mahalingaiah

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 25

Independent Study (190217)

Diane Gold

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 26

Independent Study (190217)

Diane Gold

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 27

Independent Study (190217)

Diane Gold

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 28

Independent Study (190217)

Jaime Hart

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 29

Independent Study (190217)

Peter James

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 3

Independent Study (190217)

Zhi-Min Yuan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 3

Independent Study (190217)

Marc Weisskopf

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 30

Independent Study (190217)

Kristopher Sarosiek

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 31

Independent Study (190217)

Kristopher Sarosiek

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 32

Independent Study (190217)

Kristopher Sarosiek

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 34

Independent Study (190217)

Petros Koutrakis

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 35

Independent Study (190217)

Petros Koutrakis

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 36

Independent Study (190217)

Petros Koutrakis

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 37

Independent Study (190217)

Zachary Nagel

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 38

Independent Study (190217)

Zachary Nagel

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 39

Independent Study (190217)

Zachary Nagel

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 4

Independent Study (190217)

Marc Weisskopf

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 4

Independent Study (190217)

David Christiani

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 40

Independent Study (190217)

Adam Haber

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 41

Independent Study (190217)

Adam Haber

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 42

Independent Study (190217)

Adam Haber

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 43

Independent Study (190217)

Quan Lu

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 44

Independent Study (190217)

Quan Lu

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 45

Independent Study (190217)

Quan Lu

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 46

Independent Study (190217)

Antonella Zanobetti

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 47

Independent Study (190217)

Antonella Zanobetti

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 48

Independent Study (190217)

Antonella Zanobetti

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 5

Independent Study (190217)

Andrea Bellavia

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 5

Independent Study (190217)

Samuel Myers

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 52

Independent Study (190217)

Joel Schwartz

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 1

Research (190222)

David Christiani

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 10

Research (190222)

John Evans

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 11

Research (190222)

John Evans

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 12

Research (190222)

John Evans

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 13

Research (190222)

Shruthi Mahalingaiah

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 14

Research (190222)

Shruthi Mahalingaiah

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 16

Research (190222)

Diane Gold

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 17

Research (190222)

Diane Gold

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 18

Research (190222)

Diane Gold

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 19

Research (190222)

Russ Hauser

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 2

Research (190222)

David Christiani

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 2

Research (190222)

Tamarra James-Todd

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 20

Research (190222)

Russ Hauser

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 21

Research (190222)

Russ Hauser

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 22

Research (190222)

Susan Korrick

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 23

Research (190222)

Susan Korrick

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 24

Research (190222)

Susan Korrick

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 25

Research (190222)

Petros Koutrakis

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 26

Research (190222)

Petros Koutrakis

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 27

Research (190222)

Petros Koutrakis

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 28

Research (190222)

Francine Laden

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 29

Research (190222)

Francine Laden

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 3

Research (190222)

David Christiani

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 3

Research (190222)

Tamarra James-Todd

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 30

Research (190222)

Francine Laden

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 31

Research (190222)

Samuel Myers

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 32

Research (190222)

Samuel Myers

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 33

Research (190222)

Samuel Myers

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 34

Research (190222)

Eileen McNeely

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 35

Research (190222)

Eileen McNeely

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 36

Research (190222)

Eileen McNeely

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 37

Research (190222)

Zachary Nagel

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 38

Research (190222)

Zachary Nagel

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 39

Research (190222)

Zachary Nagel

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 4

Research (190222)

Tamarra James-Todd

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 4

Research (190222)

Jack Dennerlein

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 40

Research (190222)

Kristopher Sarosiek

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 41

Research (190222)

Kristopher Sarosiek

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 42

Research (190222)

Kristopher Sarosiek

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 43

Research (190222)

Joel Schwartz

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 44

Research (190222)

Joel Schwartz

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 45

Research (190222)

Joel Schwartz

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 46

Research (190222)

Gary Adamkiewicz

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 49

Research (190222)

John Spengler

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 5

Research (190222)

Jack Dennerlein

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 50

Research (190222)

John Spengler

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 51

Research (190222)

John Spengler

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 52

Research (190222)

Carmen Messerlian

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 53

Research (190222)

Carmen Messerlian

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 54

Research (190222)

Carmen Messerlian

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 58

Research (190222)

Marc Weisskopf

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 59

Research (190222)

Marc Weisskopf

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 6

Research (190222)

Jack Dennerlein

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 60

Research (190222)

Marc Weisskopf

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 64

Research (190222)

Phil Demokritou

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 65

Research (190222)

Phil Demokritou

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 66

Research (190222)

Phil Demokritou

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 7

Research (190222)

Douglas Dockery

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 8

Research (190222)

Douglas Dockery

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 81

Research (190222)

Elsie Sunderland

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 82

Research (190222)

Elsie Sunderland

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 83

Research (190222)

Elsie Sunderland

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 84

Research (190222)

Stefanos Kales

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 85

Research (190222)

Stefanos Kales

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 86

Research (190222)

Stefanos Kales

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 87

Research (190222)

Joseph Allen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 88

Research (190222)

Joseph Allen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 89

Research (190222)

Joseph Allen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 9

Research (190222)

Douglas Dockery

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 90

Research (190222)

Maitreyi Mazumdar

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 91

Research (190222)

Maitreyi Mazumdar

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 92

Research (190222)

Maitreyi Mazumdar

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 93

Research (190222)

Bernardo Lemos

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 94

Research (190222)

Peter James

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 95

Research (190222)

Peter James

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 95

Research (190222)

Adam Haber

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 96

Research (190222)

Adam Haber

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 96

Research (190222)

Peter James

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 97

Research (190222)

Adam Haber

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 97

Research (190222)

Jaime Hart

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 98

Research (190222)

Jaime Hart

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 99

Research (190222)

Jaime Hart

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 400 Section: 1

Non-Resident Research (190223)

Douglas Dockery

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 400 Section: 10

Non-Resident Research (190223)

Diane Gold

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 400 Section: 11

Non-Resident Research (190223)

John Spengler

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 400 Section: 12

Non-Resident Research (190223)

Joel Schwartz

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 400 Section: 2

Non-Resident Research (190223)

Douglas Dockery

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 400 Section: 3

Non-Resident Research (190223)

Douglas Dockery

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 400 Section: 4

Non-Resident Research (190223)

John Evans

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 400 Section: 5

Non-Resident Research (190223)

John Evans

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 504 Section: 1

Principles of Toxicology (190224)

Jin-Ah Park

2023 Fall (2.5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 32

The course is designed to expose students to the principles and methods that should be used to determine whether a causal relationship exists between specific doses of an agent and an alleged adverse effect, observed primarily in humans. Integration of principles and methods of toxicology is extremely important since the primary purpose of toxicology is to predict human toxicity. Toxicological data obtained in animal studies must be placed in proper relationship to the exposure observed in the human population. The course deals with organ systems and whole organisms but relies on an understanding of the mechanistic approaches covered in EH508. Key target organs, selected classes of toxic agents and the application of toxicological principles are covered. Students are assigned a topic for a short presentation.

Course notes: This course may be taken for either 2.5 credits (section 1 - for students with a prior medical degree) or 5.0 credits (section 2 - for all other students).

Class Notes: Section 1 - 2.5 credits - is only for those students with a prior medical degree.

Section 2 - 5.0 credits - is for all other students.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Timing
Wave 1 | All EH Plans and Subplans
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 504 Section: 2

Principles of Toxicology (190224)

Jin-Ah Park

2023 Fall (5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 32

The course is designed to expose students to the principles and methods that should be used to determine whether a causal relationship exists between specific doses of an agent and an alleged adverse effect, observed primarily in humans. Integration of principles and methods of toxicology is extremely important

since the primary purpose of toxicology is to predict human toxicity. Toxicological data obtained in animal studies must be placed in proper relationship to the exposure observed in the human population. The course deals with organ systems and whole organisms but relies on an understanding of the mechanistic approaches covered in EH508. Key target organs, selected classes of toxic agents and the application of toxicological principles are covered. Students are assigned a topic for a short presentation.

Course notes: This course may be taken for either 2.5 credits (section 1 - for students with a prior medical degree) or 5.0 credits (section 2 - for all other students).

Class Notes:

Section 1 - 2.5 credits - is only for those students with a prior medical degree.

Section 2 - 5.0 credits - is for all other students.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Plans and Subplans
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements:

Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 510 Section: 1

Fundamentals of Human Environmental Exposure Assessment (190227)

David Macintosh

2023 Fall (2.5 Credits) Schedule: TR 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 41

This course is designed to provide the tools and foundations necessary to understand the fate and transport of environmental contaminants in various environmental media and to estimate their impact on human exposure. The course will consider human exposure assessment in the context of risk assessment. Physical-chemical properties of contaminants and environmental media will be considered as they relate to developing basic models of human exposure.

Course Activities: Class discussion, computer workshops, lectures, homework assignments, final exam.

Course Note: Calculus and chemistry required.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Plans and Subplans
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 512 Section: 1

Interdisciplinary Training in Pulmonary Sciences Part I (190229)

Quan Lu

2023 Fall (2.5 Credits) Schedule: T 0945 AM - 1045 AM

F 0100 PM - 0200 PM

Instructor Permissions: None Enrollment Cap: 30

The intersection of environment and health is by necessity an interdisciplinary focus. The most promising advances in lung biology and respiratory disease are resulting from teams of scientists with diverse disciplinary training, including biology, medicine, engineering, and physics. In addition to a strong foundation in a specific discipline, the ability to recognize and act upon opportunities presented by outside disciplines is a crucial skill. This course is designed to train scientists to approach lung biology and respiratory diseases with an interdisciplinary perspective, in particular by bridging the gap between life sciences and physical/engineering sciences. With a focus on laboratory sciences and on mechanistic levels of understanding, course materials will cover 3 main problem areas: asthma, air pollution, and lung infection. The course consists of weekly course-meetings (lectures and case-studies) plus weekly research seminars from the physiology program. Students will gain skills in recognizing the relative strengths and weaknesses of different disciplinary approaches applied to pulmonary sciences, in designing interdisciplinary experiments effectively, and in interpreting interdisciplinary results critically.

Class Notes: Note: This class will be taught in Building 1, Room 1302

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Plans and Subplans
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Subject: Interdepartmental

Interdepartmental 269 Section: 1

Respiratory Epidemiology (190780)

Diane Gold

2023 Fall (1.25 Credits) Schedule: R 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 27

This course focuses on the Environment, work and respiratory disease: evaluation and control/ sources of disparities in exposures and outcomes. Physician clinician-scientists and epidemiologists review up-to-date studies of environmental and occupational influences on asthma, COPD, viral respiratory infections (focusing on COVID19 and influenza), occupational lung disease, tuberculosis, lung cancer and sleep-disordered breathing. With an international perspective we evaluate environmental and occupational contributions to disparities in respiratory diseases. We share complementary clinical, pathologic, physiologic as well as epidemiologic methods for assessing respiratory outcomes. We critically discuss complementary study designs to document disease prevalence and incidence, and to assess the efficacy of control strategies to reduce exposures, disease and disparities in disease. if you are interested in learning more about the course, please view Harvard's Syllabus Explorer tool (https://syllabus.harvard.edu/) to view last year's syllabus

Course Prerequisites: ID201 or ID200 or EPI201 or EPI208 or EPI505 or ID538 or PHS2000A (all courses may be taken concurrently).

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Plans and Subplans
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Pre-requisties: ID201 or ID200 or EPI201 or EPI208 or EPI505 or ID538 or PHS2000A (all courses may be taken concurrently)

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Subject: Decision Science

Decision Science 500 Section: 1

Risk Assessment (191111)

David Macintosh

2023 Fall (2.5 Credits) Schedule: T 0200 PM - 0330 PM
R 0100 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 37

Introduces the framework of risk assessment, considers its relationship with cost-benefit, decision analysis and other tools for improving environmental decisions. The scientific foundations for risk assessment (epidemiology, toxicology, and exposure assessment) are discussed. The mathematical sciences involved in developing models of dose-response, fate and transport, and the statistical aspects of parameter estimation and uncertainty analysis are introduced. Case studies are used to illustrate various issues in risk assessment and decision making.

Course Activities: Lectures, discussions, case studies.

Course Note: Course required for all Exposure, Epidemiology and Risk Program students.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Degree Students
Wave 2 | DrPH Students & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $25

Epidemiology

Subject: Epidemiology

Epidemiology 201 Section: 1

Introduction to Epidemiology: Methods I (190267)

Murray Mittleman

Alejandro Szmulewicz

2023 Fall (2.5 Credits) Schedule: TR 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 175

EPI201 introduces the principles and methods used in epidemiologic research. The course discusses the conceptual and practical issues encountered in the design and analysis of epidemiologic studies for description and causal inference. EPI201 is the first course in the series of methods courses designed for students majoring in Epidemiology, Biostatistics and related fields, and those interested in a detailed introduction to the design and conduct of epidemiologic studies. Students who take EPI201 are expected to take EPI202 (Methods II).

Class Note: A Thursday or Friday lab is required to complete this enrollment
Course is mutually exclusive with EPI200, EPI208, EPI500, and ID201. You may not take both this course and any of those courses.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | PHD PHDS, GHP SM2, BST SM All
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Course mutually exclusive with EPI208, EPI500 and ID505

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 201 Section: 2

Introduction to Epidemiology: Methods I (190267)

Murray Mittleman

Alejandro Szmulewicz

2023 Fall (2.5 Credits) Schedule: TR 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 150

EPI201 introduces the principles and methods used in epidemiologic research. The course discusses the conceptual and practical issues encountered in the design and analysis of epidemiologic studies for description and causal inference. EPI201 is the first course in the series of methods courses designed for students majoring in Epidemiology, Biostatistics and related fields, and those interested in a detailed introduction to the design and conduct of epidemiologic studies. Students who take EPI201 are expected to take EPI202 (Methods II).

Class Note: A Thursday or Friday lab is required to complete this enrollment
Course is mutually exclusive with EPI200, EPI208, EPI500, and ID201. You may not take both this course and any of those courses.

Requirements: Course mutually exclusive with EPI208, EPI500 and ID505

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 201LAB Section: 01

Introduction to Epidemiology: Methods I - Required LAB (213267)

Murray Mittleman

Alejandro Szmulewicz

2023 Fall (0 Credits) Schedule: F 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 30

EPI201 introduces the principles and methods used in epidemiologic research. The course discusses the conceptual and practical issues encountered in the design and analysis of epidemiologic studies for description and causal inference. EPI201 is the first course in the series of methods courses designed for students majoring in Epidemiology, Biostatistics and related fields, and those interested in a detailed introduction to the design and conduct of epidemiologic studies. Students who take EPI201 are expected to take EPI202 (Methods II).

Course Note: Thursday or Friday lab required.
Course is mutually exclusive with EPI200, EPI208, EPI500, and ID200. You may not take both this course and any of those courses.

Requirements: Students are required to enroll in both EPI 201 and EPI 201 LAB.

To enroll in a section of EPI 201 LAB, students must first enroll in EPI 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 201LAB Section: 02

Introduction to Epidemiology: Methods I - Required LAB (213267)

Murray Mittleman

Alejandro Szmulewicz

2023 Fall (0 Credits) Schedule: R 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 30

EPI201 introduces the principles and methods used in epidemiologic research. The course discusses the conceptual and practical issues encountered in the design and analysis of epidemiologic studies for

description and causal inference. EPI201 is the first course in the series of methods courses designed for students majoring in Epidemiology, Biostatistics and related fields, and those interested in a detailed introduction to the design and conduct of epidemiologic studies. Students who take EPI201 are expected to take EPI202 (Methods II).

Course Note: Thursday or Friday lab required.
Course is mutually exclusive with EPI200, EPI208, EPI500, and ID200. You may not take both this course and any of those courses.

Requirements: Students are required to enroll in both EPI 201 and EPI 201 LAB.

To enroll in a section of EPI 201 LAB, students must first enroll in EPI 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 201LAB Section: 03

Introduction to Epidemiology: Methods I - Required LAB (213267)

Murray Mittleman

Alejandro Szmulewicz

2023 Fall (0 Credits) Schedule: R 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 30

EPI201 introduces the principles and methods used in epidemiologic research. The course discusses the conceptual and practical issues encountered in the design and analysis of epidemiologic studies for description and causal inference. EPI201 is the first course in the series of methods courses designed for students majoring in Epidemiology, Biostatistics and related fields, and those interested in a detailed introduction to the design and conduct of epidemiologic studies. Students who take EPI201 are expected to take EPI202 (Methods II).

Course Note: Thursday or Friday lab required.
Course is mutually exclusive with EPI200, EPI208, EPI500, and ID200. You may not take both this course and any of those courses.

Requirements: Students are required to enroll in both EPI 201 and EPI 201 LAB.

To enroll in a section of EPI 201 LAB, students must first enroll in EPI 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 201LAB Section: 04

Introduction to Epidemiology: Methods I - Required LAB (213267)

Murray Mittleman

Alejandro Szmulewicz

2023 Fall (0 Credits) Schedule: R 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 20

EPI201 introduces the principles and methods used in epidemiologic research. The course discusses the conceptual and practical issues encountered in the design and analysis of epidemiologic studies for description and causal inference. EPI201 is the first course in the series of methods courses designed for students majoring in Epidemiology, Biostatistics and related fields, and those interested in a detailed introduction to the design and conduct of epidemiologic studies. Students who take EPI201 are expected to take EPI202 (Methods II).

Course Note: Thursday or Friday lab required.
Course is mutually exclusive with EPI200, EPI208, EPI500, and ID200. You may not take both this course and any of those courses.

Requirements: Students are required to enroll in both EPI 201 and EPI 201 LAB.

To enroll in a section of EPI 201 LAB, students must first enroll in EPI 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 201LAB Section: 05

Introduction to Epidemiology: Methods I - Required LAB (213267)

Murray Mittleman

Alejandro Szmulewicz

2023 Fall (0 Credits) Schedule: F 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 30

EPI201 introduces the principles and methods used in epidemiologic research. The course discusses the conceptual and practical issues encountered in the design and analysis of epidemiologic studies for description and causal inference. EPI201 is the first course in the series of methods courses designed for students majoring in Epidemiology, Biostatistics and related fields, and those interested in a detailed introduction to the design and conduct of epidemiologic studies. Students who take EPI201 are expected to take EPI202 (Methods II).

Course Note: Thursday or Friday lab required.
Course is mutually exclusive with EPI200, EPI208, EPI500, and ID200. You may not take both this course and

any of those courses.

Requirements: Students are required to enroll in both EPI 201 and EPI 201 LAB.

To enroll in a section of EPI 201 LAB, students must first enroll in EPI 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 201LAB Section: 06

Introduction to Epidemiology: Methods I - Required LAB (213267)

Murray Mittleman

Alejandro Szmulewicz

2023 Fall (0 Credits) Schedule: F 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 24

EPI201 introduces the principles and methods used in epidemiologic research. The course discusses the conceptual and practical issues encountered in the design and analysis of epidemiologic studies for description and causal inference. EPI201 is the first course in the series of methods courses designed for students majoring in Epidemiology, Biostatistics and related fields, and those interested in a detailed introduction to the design and conduct of epidemiologic studies. Students who take EPI201 are expected to take EPI202 (Methods II).

Course Note: Thursday or Friday lab required.
Course is mutually exclusive with EPI200, EPI208, EPI500, and ID200. You may not take both this course and any of those courses.

Requirements: Students are required to enroll in both EPI 201 and EPI 201 LAB.

To enroll in a section of EPI 201 LAB, students must first enroll in EPI 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 201LAB Section: 07

Introduction to Epidemiology: Methods I - Required LAB (213267)

Murray Mittleman

Alejandro Szmulewicz

2023 Fall (0 Credits) Schedule: F 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 20

EPI201 introduces the principles and methods used in epidemiologic research. The course discusses the conceptual and practical issues encountered in the design and analysis of epidemiologic studies for description and causal inference. EPI201 is the first course in the series of methods courses designed for students majoring in Epidemiology, Biostatistics and related fields, and those interested in a detailed introduction to the design and conduct of epidemiologic studies. Students who take EPI201 are expected to take EPI202 (Methods II).

Course Note: Thursday or Friday lab required.
Course is mutually exclusive with EPI200, EPI208, EPI500, and ID200. You may not take both this course and any of those courses.

Requirements: Students are required to enroll in both EPI 201 and EPI 201 LAB.

To enroll in a section of EPI 201 LAB, students must first enroll in EPI 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

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Epidemiology 201LAB Section: 08

Introduction to Epidemiology: Methods I - Required LAB (213267)

Murray Mittleman

Alejandro Szmulewicz

2023 Fall (0 Credits) Schedule: F 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 30

EPI201 introduces the principles and methods used in epidemiologic research. The course discusses the conceptual and practical issues encountered in the design and analysis of epidemiologic studies for description and causal inference. EPI201 is the first course in the series of methods courses designed for students majoring in Epidemiology, Biostatistics and related fields, and those interested in a detailed introduction to the design and conduct of epidemiologic studies. Students who take EPI201 are expected to take EPI202 (Methods II).

Course Note: Thursday or Friday lab required.
Course is mutually exclusive with EPI200, EPI208, EPI500, and ID200. You may not take both this course and any of those courses.

Requirements: Students are required to enroll in both EPI 201 and EPI 201 LAB.

To enroll in a section of EPI 201 LAB, students must first enroll in EPI 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 201LAB Section: 09

Introduction to Epidemiology: Methods I - Required LAB (213267)

Murray Mittleman

Alejandro Szmulewicz

2023 Fall (0 Credits) Schedule: R 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 30

EPI201 introduces the principles and methods used in epidemiologic research. The course discusses the conceptual and practical issues encountered in the design and analysis of epidemiologic studies for description and causal inference. EPI201 is the first course in the series of methods courses designed for students majoring in Epidemiology, Biostatistics and related fields, and those interested in a detailed introduction to the design and conduct of epidemiologic studies. Students who take EPI201 are expected to take EPI202 (Methods II).

Course Note: Thursday or Friday lab required.
Course is mutually exclusive with EPI200, EPI208, EPI500, and ID200. You may not take both this course and any of those courses.

Requirements: Students are required to enroll in both EPI 201 and EPI 201 LAB.

To enroll in a section of EPI 201 LAB, students must first enroll in EPI 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 201LAB Section: 10

Introduction to Epidemiology: Methods I - Required LAB (213267)

Murray Mittleman

Alejandro Szmulewicz

2023 Fall (0 Credits) Schedule: F 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 24

EPI201 introduces the principles and methods used in epidemiologic research. The course discusses the conceptual and practical issues encountered in the design and analysis of epidemiologic studies for description and causal inference. EPI201 is the first course in the series of methods courses designed for students majoring in Epidemiology, Biostatistics and related fields, and those interested in a detailed introduction to the design and conduct of epidemiologic studies. Students who take EPI201 are expected to take EPI202 (Methods II).

Course Note: Thursday or Friday lab required.
Course is mutually exclusive with EPI200, EPI208, EPI500, and ID200. You may not take both this course and

any of those courses.

Requirements: Students are required to enroll in both EPI 201 and EPI 201 LAB.

To enroll in a section of EPI 201 LAB, students must first enroll in EPI 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 202 Section: 1

Epidemiologic Methods 2: Elements of Epidemiologic Research (190269)

Murray Mittleman

Alejandro Szmulewicz

2023 Fall (2.5 Credits) Schedule: TR 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 150

EPI202 is a seamless continuation of EPI201. This course builds on the material from EPI201 and extends to concepts of statistical inference, data analysis methods and causal inference in epidemiologic research. Principles and methods are illustrated with examples, and reviewed through homework and in-class exercises. This course is designed primarily for doctoral students majoring in Epidemiology and related fields, and those interested in a research career requiring a rigorous foundation in the design, conduct and analysis of epidemiologic studies.

Class Note: A Thursday or Friday lab is required to complete this enrollment

Class Notes:

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | PHD PHS, GHP SM2
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending

no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: EPI201 AND (BST201 or BST202&203 or BST206&207/8 or ID207 or PHS2000)
(all courses may be taken concurrently)

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 202 Section: 2

Epidemiologic Methods 2: Elements of Epidemiologic Research (190269)

Murray Mittleman

Alejandro Szmulewicz

2023 Fall (2.5 Credits) Schedule: TR 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 150

EPI202 is a seamless continuation of EPI201. This course builds on the material from EPI201 and extends to concepts of statistical inference, data analysis methods and causal inference in epidemiologic research. Principles and methods are illustrated with examples, and reviewed through homework and in-class exercises. This course is designed primarily for doctoral students majoring in Epidemiology and related fields, and those interested in a research career requiring a rigorous foundation in the design, conduct and analysis of epidemiologic studies.

Class Note: A Thursday or Friday lab is required to complete this enrollment

Requirements: EPI201 AND (BST201 or BST202&203 or BST206&207/8 or ID207 or PHS2000)
(all courses may be taken concurrently)

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 202LAB Section: 01

Epidemiologic Methods 2: Elements of Epidemiologic Research - Required Lab (213285)

Murray Mittleman

Alejandro Szmulewicz

2023 Fall (0 Credits) Schedule: R 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 22

Methods 2: Elements of Epidemiologic Research

Introduces elements of study design, data analysis and causal inference in epidemiologic research. Principles and methods are illustrated with examples, and reviewed through homework and in-class exercises. May serve as an introduction to more advanced study or as a concluding course for those desiring a working knowledge of epidemiologic methods. EPI 202 extends the concepts of study design, data analysis, and inference introduced in the introductory epidemiology courses.

Class Notes: This section is an R lab.

Requirements: Students are required to enroll in both EPI 202 and EPI 202LAB.

To enroll in a section of EPI 202LAB, students must first enroll in EPI 202.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 202LAB Section: 02

Epidemiologic Methods 2: Elements of Epidemiologic Research - Required Lab (213285)

Murray Mittleman

Alejandro Szmulewicz

2023 Fall (0 Credits) Schedule: F 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 20

Methods 2: Elements of Epidemiologic Research
Introduces elements of study design, data analysis and causal inference in epidemiologic research. Principles and methods are illustrated with examples, and reviewed through homework and in-class exercises. May serve as an introduction to more advanced study or as a concluding course for those desiring a working knowledge of epidemiologic methods. EPI 202 extends the concepts of study design, data analysis, and inference introduced in the introductory epidemiology courses.

Class Notes: This section is an R lab.

Requirements: Students are required to enroll in both EPI 202 and EPI 202LAB.

To enroll in a section of EPI 202LAB, students must first enroll in EPI 202.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 202LAB Section: 03

Epidemiologic Methods 2: Elements of Epidemiologic Research - Required Lab (213285)

Murray Mittleman

Alejandro Szmulewicz

2023 Fall (0 Credits) Schedule: R 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 20

Methods 2: Elements of Epidemiologic Research
Introduces elements of study design, data analysis and causal inference in epidemiologic research. Principles and methods are illustrated with examples, and reviewed through homework and in-class exercises. May serve as an introduction to more advanced study or as a concluding course for those desiring a working knowledge of epidemiologic methods. EPI 202 extends the concepts of study design, data analysis, and inference introduced in the introductory epidemiology courses.

Class Notes: This section is a Stata lab.

Requirements: Students are required to enroll in both EPI 202 and EPI 202LAB.

To enroll in a section of EPI 202LAB, students must first enroll in EPI 202.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 202LAB Section: 04

Epidemiologic Methods 2: Elements of Epidemiologic Research - Required Lab (213285)

Murray Mittleman

Alejandro Szmulewicz

2023 Fall (0 Credits) Schedule: F 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 20

Methods 2: Elements of Epidemiologic Research
Introduces elements of study design, data analysis and causal inference in epidemiologic research. Principles and methods are illustrated with examples, and reviewed through homework and in-class exercises. May serve as an introduction to more advanced study or as a concluding course for those desiring a working knowledge of epidemiologic methods. EPI 202 extends the concepts of study design, data analysis, and inference introduced in the introductory epidemiology courses.

Class Notes: This section is a Stata lab.

Requirements: Students are required to enroll in both EPI 202 and EPI 202LAB.

To enroll in a section of EPI 202LAB, students must first enroll in EPI 202.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 202LAB Section: 05

Epidemiologic Methods 2: Elements of Epidemiologic Research - Required Lab (213285)

Murray Mittleman

Alejandro Szmulewicz

2023 Fall (0 Credits) Schedule: F 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 17

Methods 2: Elements of Epidemiologic Research
Introduces elements of study design, data analysis and causal inference in epidemiologic research. Principles and methods are illustrated with examples, and reviewed through homework and in-class exercises. May serve as an introduction to more advanced study or as a concluding course for those desiring a working knowledge of epidemiologic methods. EPI 202 extends the concepts of study design, data analysis, and inference introduced in the introductory epidemiology courses.

Class Notes: This section is a Stata lab.

Requirements: Students are required to enroll in both EPI 202 and EPI 202LAB.

To enroll in a section of EPI 202LAB, students must first enroll in EPI 202.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 202LAB Section: 06

Epidemiologic Methods 2: Elements of Epidemiologic Research - Required Lab (213285)

Murray Mittleman

Alejandro Szmulewicz

2023 Fall (0 Credits) Schedule: F 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 22

Methods 2: Elements of Epidemiologic Research
Introduces elements of study design, data analysis and causal inference in epidemiologic research. Principles and methods are illustrated with examples, and reviewed through homework and in-class exercises. May serve as an introduction to more advanced study or as a concluding course for those desiring a working knowledge of epidemiologic methods. EPI 202 extends the concepts of study design, data analysis, and inference introduced in the introductory epidemiology courses.

Class Notes: This section is an R lab.

Requirements: Students are required to enroll in both EPI 202 and EPI 202LAB.

To enroll in a section of EPI 202LAB, students must first enroll in EPI 202.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 202LAB Section: 07

Epidemiologic Methods 2: Elements of Epidemiologic Research - Required Lab (213285)

Murray Mittleman

Alejandro Szmulewicz

2023 Fall (0 Credits) Schedule: F 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 23

Methods 2: Elements of Epidemiologic Research
Introduces elements of study design, data analysis and causal inference in epidemiologic research. Principles and methods are illustrated with examples, and reviewed through homework and in-class exercises. May serve as an introduction to more advanced study or as a concluding course for those desiring a working knowledge of epidemiologic methods. EPI 202 extends the concepts of study design, data analysis, and inference introduced in the introductory epidemiology courses.

Class Notes: This section is a Stata lab.

Requirements: Students are required to enroll in both EPI 202 and EPI 202LAB.

To enroll in a section of EPI 202LAB, students must first enroll in EPI 202.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 202LAB Section: 08

Epidemiologic Methods 2: Elements of Epidemiologic Research - Required Lab (213285)

Murray Mittleman

Alejandro Szmulewicz

2023 Fall (0 Credits) Schedule: F 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 22

Methods 2: Elements of Epidemiologic Research

Introduces elements of study design, data analysis and causal inference in epidemiologic research. Principles and methods are illustrated with examples, and reviewed through homework and in-class exercises. May serve as an introduction to more advanced study or as a concluding course for those desiring a working knowledge of epidemiologic methods. EPI 202 extends the concepts of study design, data analysis, and inference introduced in the introductory epidemiology courses.

Class Notes: This section is an R lab.

Requirements: Students are required to enroll in both EPI 202 and EPI 202LAB.

To enroll in a section of EPI 202LAB, students must first enroll in EPI 202.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 202LAB Section: 09

Epidemiologic Methods 2: Elements of Epidemiologic Research - Required Lab (213285)

Murray Mittleman

Alejandro Szmulewicz

2023 Fall (0 Credits) Schedule: F 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 15

Methods 2: Elements of Epidemiologic Research
Introduces elements of study design, data analysis and causal inference in epidemiologic research. Principles and methods are illustrated with examples, and reviewed through homework and in-class exercises. May serve as an introduction to more advanced study or as a concluding course for those desiring a working knowledge of epidemiologic methods. EPI 202 extends the concepts of study design, data analysis, and inference introduced in the introductory epidemiology courses.

Class Notes: This section is an R lab.

Requirements: Students are required to enroll in both EPI 202 and EPI 202LAB.

To enroll in a section of EPI 202LAB, students must first enroll in EPI 202.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 202LAB Section: 10

Epidemiologic Methods 2: Elements of Epidemiologic Research - Required Lab (213285)

Murray Mittleman

Alejandro Szmulewicz

2023 Fall (0 Credits) Schedule: F 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 17

Methods 2: Elements of Epidemiologic Research
Introduces elements of study design, data analysis and causal inference in epidemiologic research. Principles and methods are illustrated with examples, and reviewed through homework and in-class exercises. May serve as an introduction to more advanced study or as a concluding course for those desiring a working knowledge of epidemiologic methods. EPI 202 extends the concepts of study design, data analysis, and inference introduced in the introductory epidemiology courses.

Class Notes: This section is a Stata lab.

Requirements: Students are required to enroll in both EPI 202 and EPI 202LAB.

To enroll in a section of EPI 202LAB, students must first enroll in EPI 202.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 205.2 Section: 1

Practice of Epidemiology (220095)

Eric Rimm

Heather Eliassen

2023 Fall (1.25 Credits) Schedule: F 0200 PM - 0400 PM

Instructor Permissions: None Enrollment Cap: 17

The seminars consist of student presentations of plans for collection and analysis of epidemiological data (typically for the doctoral dissertation), with discussion by students and faculty, mostly in Fall 2. Preparatory work is done under tutorial arrangements with members of the faculty in Fall 1 The emphasis is on conceptual issues necessary for the development of a feasible and informative epidemiological study.

Course Activities: Individual student grant proposal and presentation, class discussion, and student and faculty critiques.

Course Note: This course is aimed primarily at epidemiology and nutritional epidemiology doctoral students, usually in their third year.

Prerequisite: at least a full year of epidemiology methods and biostatistics methods. Two years of such courses is strongly preferred.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 207 Section: 1

Advanced Epidemiologic Methods (190274)

James Robins

2023 Fall (2.5 Credits)		Schedule:	MW 0345 PM - 0515 PM
Instructor Permissions:	None	Enrollment Cap:	62

Provides an in-depth investigation of statistical methods for drawing causal inferences from observational studies. Informal epidemiologic concepts such as confounding, selection bias, overall effects, direct effects, and intermediate variables will be formally defined within the context of a counterfactual causal model and with the help of causal diagrams. Methods for the analysis of the causal effects of time-varying exposures in the presence of time dependent covariates that are simultaneously confounders and intermediate variables will be emphasized. These methods include g-computation algorithm estimators, inverse probability weighted estimators of marginal structural models, g-estimation of structural nested models. As a practicum, students will reanalyze data sets using the above methods.

Course Activities: Class discussion, homework, practicum and final examination.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | PHD PHS EPI
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: [(BST210 or BST213) and EPI289)] or (PHS 2000A and EPI 289). Students outside of HSPH must request instructor permission to enroll in this

course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 207LAB Section: 1

Advanced Epidemiologic Methods -LAB (220795)

James Robins

2023 Fall (0 Credits) Schedule: R 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 62

Provides an in-depth investigation of statistical methods for drawing causal inferences from observational studies. Informal epidemiologic concepts such as confounding, selection bias, overall effects, direct effects, and intermediate variables will be formally defined within the context of a counterfactual causal model and with the help of causal diagrams. Methods for the analysis of the causal effects of time-varying exposures in the presence of time dependent covariates that are simultaneously confounders and intermediate variables will be emphasized. These methods include g-computation algorithm estimators, inverse probability weighted estimators of marginal structural models, g-estimation of structural nested models. As a practicum, students will reanalyze data sets using the above methods.

Course Activities: Class discussion, homework, practicum and final examination.

Class Notes: Students are required to enroll in both EPI 207 and EPI 207LAB. To enroll in a section of EPI 207LAB, students must first enroll in EPI 207.

Requirements: Students are required to enroll in both EPI 207 and EPI 207LAB.

To enroll in a section of EPI 207LAB, students must first enroll in EPI 207.

Epidemiology 215 Section: 1

Advanced Topics in Case-Control and Cohort Studies (190282)

Lori Chibnik

Harrison Reeder

2023 Fall (2.5 Credits) Schedule: R 0345 PM - 0515 PM
MW 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 48

This course primarily extends the applications of parametric regression models to address additional and related analytic issues encountered in epidemiologic research. Topics include techniques for modeling count outcomes, issues involved in high dimensional data analysis, building and assessing, risk prediction models, methods to account for missing data, and reproducible research. Emphasis is on applications of

interpretations of results with limited introduction to theory that underlies these techniques. Familiarity with R or SAS is desirable.

Requirements: Pre-requisites: EPI201 and BST 200 or BST 201 or ID200 or ID207 or BST202&BST203 or BIO 206&207/8/9 or PHS 2000.
Non-HSPH students must request permission from the instructor to enroll in the course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 217 Section: 1

Epidemiology of Adult Psychiatric Disorders (190284)

Alexander Tsai

2023 Fall (2.5 Credits) Schedule: F 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 40

Course Description
The goal of this course is to provide students with a working knowledge of the epidemiologic and clinical aspects of adult psychiatric disorders. A range of studies from early classics to recent work on the prevalence, risk factors, and distribution of major mental disorders will be covered. Through class discussion and completion of written assignments, special attention will be paid to the unique methodological and analytic issues highlighted in psychiatric epidemiological research. Students will consider implications for public health programs, interventions, and prevention.

Enrollment Requirements
Required: EPI201 or EPI208 or EPI500 or EPI505 or ID201. Concurrent enrollment is allowed for all required courses.
Recommended: EPI 204 or EPI 289 or BST 210 or BST 223 or BST 226

Pre-requisites: EPI201 or EPI208 or EPI500 or EPI505 or ID201. Concurrent enrollment is allowed for all required courses.

Requirements: Pre-requisites: EPI200 or EPI201 or EPI208 or EPI500 or EPI505 or ID201 or ID538 or ID207; and EPI202

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 219 Section: 1

Assessment Concepts and Methods in Psychiatric Epidemiology (190286)

Deborah Blacker

Bizu Gelaye

2023 Fall (2.5 Credits) Schedule: F 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 32

Presents the application of basic epidemiologic and psychometric concepts and methods in psychiatric research. Topics include: measurement theory, reliability, validity, screening, and diagnostic classification procedures, as they specifically relate to psychiatric research. The course is in the psychiatric epidemiology track and is intended primarily for students interested in conducting mental health research.

Course Activities: Class discussion, brief homeworks, class project with oral presentation and final paper.

Course Note: Students should be familiar with the major forms of psychopathology, basic epidemiologic research methods, and introductory statistics; lab or section time to be arranged at first meeting.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: Pre-requisites: ID538 or ID201 or [(BIO200 or BST201 or BST202&203 or BST206&207 or BST206&208/209 or PHS2000A) and (EPI500 or EPI201 or EPI208 or EPI500 or EPI505)]

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $50
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 221 Section: 1

Pharmacoepidemiology (190288)

Joshua Gagne

Elisabetta Patorno

2023 Fall (2.5 Credits) Schedule: MW 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 60

This course provides an overview on inference about the effects of pharmaceuticals and other medical products on health outcomes from case reports, case series, vital statistics and other registration schemes, cohort studies, and case-control studies. Decision-making with inadequate and imperfect data is examined from the perspectives of manufacturers, regulators, and researchers. This course is intended primarily as an introduction to pharmacoepidemiology for students wishing to pursue a career in pharmacoepidemiology as well as a survey course for those who may be consumers of pharmacoepidemiologic studies, but may also have more general interest as an applied mid-level course with a methodological emphasis.

Course Activities: Written individual and group assignments, modelled after real-world scientific

contributions (e.g., letter to the editor, peer review of pharmacoepidemiologic study) and class discussion.

Course Note: Knowledge of epidemiology at the level of EPI 201 and a basic understanding of drug use and nomenclature are assumed.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 224 Section: 1

Cancer Prevention (190291)

Konrad Stopsack

Timothy Rebbeck

2023 Fall (2.5 Credits) Schedule: MW 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 20

Cancer is a preventable disease, but there is substantial heterogeneity and complexity in the etiology of cancer. This leads to challenges in developing and implementing interventions to reduce individual, public health, and population health cancer burdens. This course will help students develop a framework for assessing and designing cancer prevention strategies to reduce the burden of cancer. Approaches to cancer prevention will focus on primary and secondary (screening, early detection) prevention, in addition to selected examples of tertiary prevention. The lectures and readings will examine different theoretical and practical issues around effectiveness, feasibility, and sustainability, including theories of behavior change, population vs. high-risk approaches, risk perception and communication, and barriers to success. Through problem-based learning exercises, students will review the strategies for cancer prevention in the areas of tobacco control, physical activity and obesity, cancer screening, and vaccines, in addition to other topics. We will emphasize the timing of prevention in the context of the natural history of disease etiology, precision and mechanistically-based prevention strategies, and consider population-based approaches to prevention. Strategies for prevention on multiple levels will also be examined. Students will have homework assignments to collect and apply new knowledge to case studies, which will be used to develop a cancer prevention intervention as a final project.

Requirements: Prerequisites: EPI202 or ID201; may be taken concurrently; Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 246 Section: 1

Applied Biomarkers in Cancer Epidemiology (190310)

Heather Eliassen

Eva Schernhammer

2023 Fall (2.5 Credits) Schedule: TR 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 20

Course Description
The focus of this course is on application and interpretation of cancer studies using biomarkers. Topics include biomarkers of exposure, biomarkers related to metabolism/activation and other biological pathways, intermediate/surrogate endpoints, markers of early cancer detection and prognosis. Examples are discussed in each topic to demonstrate different issues in the interpretation of results. Class will be split into one lectures and one hour discussions of assigned readings.

Course Activities: Class discussion, one group oral presentation, homework assignments, one individual written assignment

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 247 Section: 01

Epidemiologic Methods Development - Past and Present (190311)

Murray Mittleman

2023 Fall (2.5 Credits) Schedule: MW 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 26

This course aims to provide students with a strong foundation in understanding the theoretical basis of currently used epidemiologic methods and also to help students acquire an understanding of the process of developing new approaches. The course will review the theoretical basis of modern epidemiology by reviewing landmark papers in the development of epidemiologic methods. Students will review classic papers that introduced important theoretical and methodological advances in the field.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | PHD PHS EPI
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority

wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Pre-requisites: EPI289

Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 249 Section: 1

Molecular Biology for Epidemiologists (190312)

Immaculata De Vivo

2023 Fall (2.5 Credits) Schedule: WF 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 36

Molecular Biology for Epidemiologists, taught by Dr. Immaculata De Vivo, offers an overview of fundamental molecular biology concepts and techniques commonly used in the laboratory and in epidemiological research. During the term, we will cover a broad range of topics including, but not limited to, the mechanisms and regulatory processes involved in different steps of the central dogma of molecular biology, how cellular mechanisms go awry and how these cells can be repaired, Mendelian and non-Mendelian genetics, meiosis, mitosis, and both novel and classical molecular biology tools. This course will be of most interest to those who have not taken a recent college-level course in molecular biology, or equivalent.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | SM2-CBQG
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 261 Section: 1

Clinical Research Practice (222892)

Kyle Bird

2023 Fall (2.5 Credits) Schedule: TR 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 25

Course participants will gain a detailed background of clinical research practice including regulatory requirements, essential elements of Good Clinical Practice, financing/budgeting of clinical trials, and an introduction to pre-award grants management that will serve as a prerequisite to an optional competitive internship at Dana-Farber Harvard Cancer Center institutions. Secondarily, clinical practitioners across HSPH may apply course concepts to their own clinical research and management of their research teams. The intended course audience includes current and future medical and public health professionals who intend to participate in the clinical trials life cycle either in an investigator role or as a study team member (clinical research coordinator, regulatory affairs, data analysis and interpretation).

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Epidemiology 269 Section: 1

Reproductive and Perinatal Epidemiology I (190322)

Carmen Messerlian

2023 Fall (2.5 Credits) Schedule: TR 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 30

This course provides master and doctoral students the opportunity to gain a background in reproductive and perinatal epidemiology and understand the unique methodological challenges to the field. The course will cover a range of substantive topics including: the biology of human reproduction; an evolutionary perspective of pregnancy; fertility and time to pregnancy; infertility and its treatment; complications in pregnancy; adverse perinatal outcomes such as preterm birth; fetal exposures and windows of vulnerability; sexual health and induced abortion; gynecological cancers; and women's health across the lifecourse. Methodologic complexities of studying these areas will be highlighted through critical reading and discussion of published literature. Measurement of these outcomes, problems of study design, and sources of biases will be discussed.

Requirements: Pre-requisites: ID200 or EPI200 or EPI201 or EPI208 or EPI500 or ID201 or EPI505 or ID538 (all courses may be taken concurrently)

Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 286 Section: 1

Database Analytics in Pharmacoepidemiology (190329)

Krista Huybrechts

Sebastian Schneeweiss

2023 Fall (2.5 Credits) Schedule: MW 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 50

Using contemporary examples and with the participation of prominent researchers in pharmacoepidemiology, this course addresses a range of study designs and analytic techniques for non-experimental studies on the utilization, safety, and effectiveness of pharmaceuticals. During the course students will plan, implement, and analyze a safety or effectiveness study in a large electronic healthcare database using an easy-to-use software platform. Faculty will lead in-class discussions on design options, analysis strategies, and sensitivity analyses for confounding and other biases. This course is intended for individuals who plan to conduct non-randomized studies using electronic healthcare databases in academia, the pharmaceutical/biotech industry, pharmaceutical benefits management, national regulatory bodies, or other research organizations. No programming experience is required.

Course activities: Class discussion, reading homework, active learning, class project analyzing healthcare claims data using a specialized analysis platform.

Course notes: familiarity with epidemiology study designs and data analysis approaches is expected.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 1

Independent Study (190341)

Sereno Reisner

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of

faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 10

Independent Study (190341)

Howard Sesso

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 100

Independent Study (190341)

Walter Willett

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 101

Independent Study (190341)

Walter Willett

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 102

Independent Study (190341)

Walter Willett

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 103

Independent Study (190341)

I-Min Lee

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 104

Independent Study (190341)

I-Min Lee

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 105

Independent Study (190341)

I-Min Lee

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 105

Independent Study (190341)

Ellen McCarthy

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 106

Independent Study (190341)

Heather Baer

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 107

Independent Study (190341)

Heather Baer

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 108

Independent Study (190341)

Heather Baer

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 11

Independent Study (190341)

Howard Sesso

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 111

Independent Study (190341)

Katrina Armstrong

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 112

Independent Study (190341)

Michelle Holmes

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 113

Independent Study (190341)

Michelle Holmes

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 114

Independent Study (190341)

Michelle Holmes

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 115

Independent Study (190341)

Heather Eliassen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 116

Independent Study (190341)

Heather Eliassen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 117

Independent Study (190341)

Heather Eliassen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 118

Independent Study (190341)

Brittany Charlton

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 119

Independent Study (190341)

Brittany Charlton

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 12

Independent Study (190341)

Howard Sesso

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 120

Independent Study (190341)

Brittany Charlton

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 121

Independent Study (190341)

Mingyang Song

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 122

Independent Study (190341)

Mingyang Song

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 123

Independent Study (190341)

Mingyang Song

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 124

Independent Study (190341)

Edward Giovannucci

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 125

Independent Study (190341)

Edward Giovannucci

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 126

Independent Study (190341)

Edward Giovannucci

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 127

Independent Study (190341)

David Christiani

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 128

Independent Study (190341)

David Christiani

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 129

Independent Study (190341)

David Christiani

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 13

Independent Study (190341)

Earl Cook

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 130

Independent Study (190341)

Katrina Armstrong

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 133

Independent Study (190341)

Russ Hauser

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 134

Independent Study (190341)

Russ Hauser

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 135

Independent Study (190341)

Russ Hauser

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 136

Independent Study (190341)

Jessica Young

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 137

Independent Study (190341)

Jessica Young

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 138

Independent Study (190341)

Jessica Young

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 139

Independent Study (190341)

Andrew Beam

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 14

Independent Study (190341)

Earl Cook

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 140

Independent Study (190341)

Andrew Beam

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 141

Independent Study (190341)

Andrew Beam

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 142

Independent Study (190341)

Liming Liang

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 143

Independent Study (190341)

Liming Liang

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 144

Independent Study (190341)

Liming Liang

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 145

Independent Study (190341)

Frank Hu

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 146

Independent Study (190341)

Frank Hu

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 147

Independent Study (190341)

Frank Hu

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 148

Independent Study (190341)

Grace Chan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 149

Independent Study (190341)

Kathryn Terry

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 15

Independent Study (190341)

Earl Cook

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 150

Independent Study (190341)

Kathryn Terry

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 150

Independent Study (190341)

Ellen McCarthy

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 151

Independent Study (190341)

Miguel Hernan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 152

Independent Study (190341)

Miguel Hernan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 153

Independent Study (190341)

Miguel Hernan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 154

Independent Study (190341)

Timothy Rebbeck

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 155

Independent Study (190341)

Timothy Rebbeck

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 156

Independent Study (190341)

Timothy Rebbeck

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 158

Independent Study (190341)

Sengwee Darren Toh

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 159

Independent Study (190341)

Sengwee Darren Toh

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 16

Independent Study (190341)

Immaculata De Vivo

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 160

Independent Study (190341)

Caroline Buckee

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 161

Independent Study (190341)

Sengwee Darren Toh

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 162

Independent Study (190341)

Sengwee Darren Toh

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 165

Independent Study (190341)

Heather Baer

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 167

Independent Study (190341)

Carlos Camargo

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 168

Independent Study (190341)

Carlos Camargo

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 169

Independent Study (190341)

Carlos Camargo

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 17

Independent Study (190341)

Immaculata De Vivo

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 170

Independent Study (190341)

Molin Wang

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 171

Independent Study (190341)

Molin Wang

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 172

Independent Study (190341)

Molin Wang

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 173

Independent Study (190341)

Tyler VanderWeele

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 174

Independent Study (190341)

Tyler VanderWeele

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 175

Independent Study (190341)

Tyler VanderWeele

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 176

Independent Study (190341)

Bill Hanage

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 177

Independent Study (190341)

Bill Hanage

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 178

Independent Study (190341)

Bill Hanage

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 179

Independent Study (190341)

Goodarz Danaei

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 18

Independent Study (190341)

Immaculata De Vivo

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 180

Independent Study (190341)

Goodarz Danaei

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 181

Independent Study (190341)

Goodarz Danaei

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 182

Independent Study (190341)

Alkes Price

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 183

Independent Study (190341)

Alkes Price

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 184

Independent Study (190341)

Alkes Price

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 188

Independent Study (190341)

Gary Curhan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 189

Independent Study (190341)

Gary Curhan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 19

Independent Study (190341)

Douglas Dockery

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 190

Independent Study (190341)

Gary Curhan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 194

Independent Study (190341)

Joshua Gagne

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 195

Independent Study (190341)

Joshua Gagne

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 196

Independent Study (190341)

Joshua Gagne

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 197

Independent Study (190341)

Francine Laden

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 198

Independent Study (190341)

Francine Laden

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 199

Independent Study (190341)

Francine Laden

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 2

Independent Study (190341)

Sereno Reisner

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 2

Independent Study (190341)

Kjetil Bjornevik

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 20

Independent Study (190341)

Douglas Dockery

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 200

Independent Study (190341)

Olivia Okereke

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 201

Independent Study (190341)

Olivia Okereke

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 202

Independent Study (190341)

Olivia Okereke

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 203

Independent Study (190341)

James Robins

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 204

Independent Study (190341)

James Robins

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 205

Independent Study (190341)

James Robins

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 206

Independent Study (190341)

Karestan Koenen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 207

Independent Study (190341)

Karestan Koenen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 208

Independent Study (190341)

Karestan Koenen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 21

Independent Study (190341)

Douglas Dockery

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 212

Independent Study (190341)

Daniel Singer

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 213

Independent Study (190341)

Daniel Singer

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 214

Independent Study (190341)

Daniel Singer

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 215

Independent Study (190341)

Michael Fischer

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 216

Independent Study (190341)

Michael Fischer

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 217

Independent Study (190341)

Michael Fischer

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 218

Independent Study (190341)

Albert Hofman

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 219

Independent Study (190341)

Tamarra James-Todd

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 22

Independent Study (190341)

Mauricio Santillana

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 220

Independent Study (190341)

Stephanie Smith-Warner

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 221

Independent Study (190341)

Andrea Schwartz

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 222

Independent Study (190341)

Molly Franke

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 222

Independent Study (190341)

Lori Chibnik

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 223

Independent Study (190341)

Lori Chibnik

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 224

Independent Study (190341)

Lori Chibnik

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 225

Independent Study (190341)

Albert Hofman

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 226

Independent Study (190341)

Albert Hofman

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 227

Independent Study (190341)

Stephanie Smith-Warner

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 228

Independent Study (190341)

Stephanie Smith-Warner

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 23

Independent Study (190341)

Mauricio Santillana

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 230

Independent Study (190341)

Uwe Siebert

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 231

Independent Study (190341)

Bizu Gelaye

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 232

Independent Study (190341)

Bizu Gelaye

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 233

Independent Study (190341)

Bizu Gelaye

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 234

Independent Study (190341)

Pagona Lagiou

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 235

Independent Study (190341)

Pagona Lagiou

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 236

Independent Study (190341)

Pagona Lagiou

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 237

Independent Study (190341)

Katrina Armstrong

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 24

Independent Study (190341)

Mauricio Santillana

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 25

Independent Study (190341)

Caroline Buckee

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 250

Independent Study (190341)

Monik Botero

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 26

Independent Study (190341)

Caroline Buckee

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 28

Independent Study (190341)

Francine Grodstein

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 29

Independent Study (190341)

Francine Grodstein

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 3

Independent Study (190341)

Sereno Reisner

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 3

Independent Study (190341)

Kjetil Bjornevik

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 3

Independent Study (190341)

Issa Dahabreh

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 30

Independent Study (190341)

Francine Grodstein

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 31

Independent Study (190341)

Michele Hacker

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 32

Independent Study (190341)

Michele Hacker

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 33

Independent Study (190341)

Michele Hacker

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 34

Independent Study (190341)

Marian Hannan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 35

Independent Study (190341)

Marian Hannan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 36

Independent Study (190341)

Marian Hannan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 37

Independent Study (190341)

Sonia Hernandez-Diaz

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 38

Independent Study (190341)

Sonia Hernandez-Diaz

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 39

Independent Study (190341)

Sonia Hernandez-Diaz

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 4

Independent Study (190341)

Kjetil Bjornevik

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 4

Independent Study (190341)

Alberto Ascherio

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 40

Independent Study (190341)

Grace Chan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 41

Independent Study (190341)

Grace Chan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 43

Independent Study (190341)

Peter Kraft

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 44

Independent Study (190341)

Peter Kraft

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 45

Independent Study (190341)

Peter Kraft

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 46

Independent Study (190341)

Elise Robinson

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 47

Independent Study (190341)

Elise Robinson

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 48

Independent Study (190341)

Elise Robinson

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 49

Independent Study (190341)

Marc Lipsitch

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 5

Independent Study (190341)

Alberto Ascherio

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 5

Independent Study (190341)

Yonatan Grad

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 50

Independent Study (190341)

Marc Lipsitch

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 51

Independent Study (190341)

Marc Lipsitch

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 52

Independent Study (190341)

Tamarra James-Todd

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 53

Independent Study (190341)

Tamarra James-Todd

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 55

Independent Study (190341)

Henning Tiemeier

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 56

Independent Study (190341)

Henning Tiemeier

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 57

Independent Study (190341)

Henning Tiemeier

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 58

Independent Study (190341)

Murray Mittleman

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 59

Independent Study (190341)

Murray Mittleman

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 6

Independent Study (190341)

Alberto Ascherio

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 6

Independent Study (190341)

Yonatan Grad

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 60

Independent Study (190341)

Murray Mittleman

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 61

Independent Study (190341)

Lorelei Mucci

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 62

Independent Study (190341)

Lorelei Mucci

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 63

Independent Study (190341)

Lorelei Mucci

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 64

Independent Study (190341)

Megan Murray

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 65

Independent Study (190341)

Megan Murray

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 66

Independent Study (190341)

Megan Murray

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 67

Independent Study (190341)

Janet Rich-Edwards

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 68

Independent Study (190341)

Janet Rich-Edwards

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 69

Independent Study (190341)

Janet Rich-Edwards

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 7

Independent Study (190341)

Yonatan Grad

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 7

Independent Study (190341)

Deborah Blacker

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 70

Independent Study (190341)

Eric Rimm

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 71

Independent Study (190341)

Eric Rimm

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 72

Independent Study (190341)

Eric Rimm

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 73

Independent Study (190341)

Sebastian Schneeweiss

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 74

Independent Study (190341)

Sebastian Schneeweiss

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 75

Independent Study (190341)

Sebastian Schneeweiss

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 76

Independent Study (190341)

Joel Schwartz

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 77

Independent Study (190341)

Joel Schwartz

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 78

Independent Study (190341)

Joel Schwartz

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 79

Independent Study (190341)

Krista Huybrechts

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 8

Independent Study (190341)

Deborah Blacker

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 80

Independent Study (190341)

Krista Huybrechts

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 81

Independent Study (190341)

Krista Huybrechts

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 82

Independent Study (190341)

Laura Dodge

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 83

Independent Study (190341)

Laura Dodge

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 84

Independent Study (190341)

Laura Dodge

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 85

Independent Study (190341)

Jordan Smoller

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 86

Independent Study (190341)

Jordan Smoller

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 87

Independent Study (190341)

Jordan Smoller

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 88

Independent Study (190341)

Meir Stampfer

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 89

Independent Study (190341)

Meir Stampfer

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 9

Independent Study (190341)

Deborah Blacker

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 90

Independent Study (190341)

Meir Stampfer

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 97

Independent Study (190341)

Marc Weisskopf

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 98

Independent Study (190341)

Marc Weisskopf

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 99

Independent Study (190341)

Marc Weisskopf

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 1

Teaching (190344)

Julie Buring

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 10

Teaching (190344)

Murray Mittleman

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 11

Teaching (190344)

Murray Mittleman

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 12

Teaching (190344)

Murray Mittleman

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 2

Teaching (190344)

Julie Buring

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 20

Teaching (190344)

Kathryn Terry

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 21

Teaching (190344)

Deborah Blacker

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 22

Teaching (190344)

Konrad Stopsack

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 1

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 23

Teaching (190344)

James Robins

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 24

Teaching (190344)

James Robins

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 25

Teaching (190344)

James Robins

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 26

Teaching (190344)

Peter Kraft

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 27

Teaching (190344)

Megan Murray

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 28

Teaching (190344)

Peter Kraft

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 29

Teaching (190344)

Kayla Laserson

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 3

Teaching (190344)

Julie Buring

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 4

Teaching (190344)

Earl Cook

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 5

Teaching (190344)

Earl Cook

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 6

Teaching (190344)

Earl Cook

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 7

Teaching (190344)

Miguel Hernan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 8

Teaching (190344)

Miguel Hernan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 9

Teaching (190344)

Miguel Hernan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 315 Section: 1

Research: Clinical Epidemiology (190345)

Pamela Rist

2023 Fall (1.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 1998

All students who intend to complete the requirements for a Master of Science in Epidemiology based on only a summer schedule, are required to undertake and complete a clinical research project at their institution under the supervision of a local mentor and a member of the Harvard faculty. Five to 12.5 tutorial credits will be granted for this research. Each student is required to submit a written paper summarizing his or her research project. The exact content of this research project is determined by the faculty member assigned as principal advisor to the student. An appropriate content for this project might include the development of a research proposal to address a clinical question of interest, the implementation of this proposal with the collection of patient data, the analysis of these data, and the creation of a publishable manuscript (with detailed appendices) to describe the results of the analysis. Alternatively, part of this project might pertain to the creation of a full-fledged RO1 study protocol in the National Institutes of Health format, a publishable paper based on the analysis of existing data, a decision analysis, or a cost-effectiveness analysis.

Course Activities: Supervised research. Written progress reports must be submitted each semester.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 315 Section: 2

Research: Clinical Epidemiology (190345)

Pamela Rist

2023 Fall (1.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 1998

All students who intend to complete the requirements for a Master of Science in Epidemiology based on only a summer schedule, are required to undertake and complete a clinical research project at their institution under the supervision of a local mentor and a member of the Harvard faculty. Five to 12.5 tutorial credits will be granted for this research. Each student is required to submit a written paper summarizing his or her research project. The exact content of this research project is determined by the faculty member assigned as principal advisor to the student. An appropriate content for this project might include the development of a research proposal to address a clinical question of interest, the implementation of this proposal with the collection of patient data, the analysis of these data, and the creation of a publishable manuscript (with detailed appendices) to describe the results of the analysis. Alternatively, part of this project might pertain to the creation of a full-fledged RO1 study protocol in the National Institutes of Health format, a publishable paper based on the analysis of existing data, a decision analysis, or a cost-effectiveness analysis.

Course Activities: Supervised research. Written progress reports must be submitted each semester.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 315 Section: 3

Research: Clinical Epidemiology (190345)

Pamela Rist

2023 Fall (1.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 1998

All students who intend to complete the requirements for a Master of Science in Epidemiology based on only a summer schedule, are required to undertake and complete a clinical research project at their institution under the supervision of a local mentor and a member of the Harvard faculty. Five to 12.5 tutorial credits will be granted for this research. Each student is required to submit a written paper summarizing his or her research project. The exact content of this research project is determined by the faculty member assigned as principal advisor to the student. An appropriate content for this project might include the development of a research proposal to address a clinical question of interest, the implementation of this proposal with the collection of patient data, the analysis of these data, and the creation of a publishable manuscript (with detailed appendices) to describe the results of the analysis. Alternatively, part of this project might pertain to the creation of a full-fledged RO1 study protocol in the National Institutes of Health format, a publishable paper based on the analysis of existing data, a decision analysis, or a cost-effectiveness analysis.

Course Activities: Supervised research. Written progress reports must be submitted each semester.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 1

Research (190348)

Mingyang Song

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 10

Research (190348)

Immaculata De Vivo

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 103

Research (190348)

Jordan Smoller

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 106

Research (190348)

David Christiani

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 109

Research (190348)

Gary Curhan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 11

Research (190348)

Molin Wang

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 112

Research (190348)

Eva Schernhammer

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 115

Research (190348)

Alkes Price

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 119

Research (190348)

Douglas Dockery

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 12

Research (190348)

Lori Chibnik

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 122

Research (190348)

Michele Hacker

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 125

Research (190348)

Heather Eliassen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 128

Research (190348)

Liming Liang

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 13

Research (190348)

Henning Tiemeier

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 131

Research (190348)

Murray Mittleman

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 137

Research (190348)

Bill Hanage

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 146

Research (190348)

James Robins

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 152

Research (190348)

Tyler VanderWeele

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 153

Research (190348)

Karestan Koenen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 155

Research (190348)

Joshua Gagne

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 158

Research (190348)

Goodarz Danaei

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 170

Research (190348)

Michelle Holmes

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 173

Research (190348)

Olivia Okereke

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 180

Research (190348)

Timothy Rebbeck

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 183

Research (190348)

Brittany Charlton

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 19

Research (190348)

Francine Grodstein

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 2

Research (190348)

Mingyang Song

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 2

Research (190348)

Mauricio Santillana

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 22

Research (190348)

Marian Hannan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 25

Research (190348)

Russ Hauser

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 3

Research (190348)

Caroline Buckee

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 30

Research (190348)

Miguel Hernan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 31

Research (190348)

Sonia Hernandez-Diaz

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 34

Research (190348)

Marc Weisskopf

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 37

Research (190348)

Peter Kraft

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 4

Research (190348)

Albert Hofman

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 40

Research (190348)

Elise Robinson

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 41

Research (190348)

Lisa Berkman

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 43

Research (190348)

Francine Laden

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 46

Research (190348)

I-Min Lee

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 49

Research (190348)

Marc Lipsitch

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 5

Research (190348)

Tamarra James-Todd

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 51

Research (190348)

Krista Huybrechts

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 53

Research (190348)

Tamarra James-Todd

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 55

Research (190348)

Lorelei Mucci

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 58

Research (190348)

Megan Murray

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 6

Research (190348)

Julie Buring

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 61

Research (190348)

Janet Rich-Edwards

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 64

Research (190348)

Eric Rimm

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 7

Research (190348)

Edward Giovannucci

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 70

Research (190348)

Sebastian Schneeweiss

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 73

Research (190348)

Joel Schwartz

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 79

Research (190348)

Meir Stampfer

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 8

Research (190348)

Jessica Young

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 88

Research (190348)

Walter Willett

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 9

Research (190348)

Andrew Beam

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 90

Research (190348)

Barbra Dickerman

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 97

Research (190348)

Deborah Blacker

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 400 Section: 19

Non-Resident Research (190350)

Immaculata De Vivo

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 400 Section: 20

Non-Resident Research (190350)

Heather Eliassen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 400 Section: 21

Non-Resident Research (190350)

Sonia Hernandez-Diaz

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 400 Section: 4

Non-Resident Research (190350)

Peter Kraft

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 400 Section: 7

Non-Resident Research (190350)

Marc Lipsitch

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 507 Section: 01

Principles of Genetic Epidemiology (190358)

Dan Chasman

Kathryn Penney

2023 Fall (2.5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 40

Introduces the basic principles and methods of genetic epidemiology. After a brief review of history of genetic epidemiology, methods for the study of both high penetrance and low penetrance alleles, as well as other high throughput genomic data will be described and discussed. Methods of analysis of genome-wide association studies are a particular focus. Examples of contribution of genetic analysis to major diseases will be reviewed.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | PHS EPI, SS EPI
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM

Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Prerequisites: [EPI201 and (EPI202 or BST210)] or PHS2000A or BST213.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $25
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 515 Section: 1

Measurement Error and Misclassification for Epidemiologists (190365)

Molin Wang

2023 Fall (1.25 Credits) Schedule: T 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 34

This course focuses on methods for the analysis of data when covariates are misclassified or measured with error. It will cover theory for valid estimation and inference in this setting, as well as application of the theory to current epidemiologic studies using computer software developed for this purpose. Methods for contingency tables, generalized linear models, and survival data analysis will be addressed. Topics include likelihood-based methods and regression calibration. Examples from the Nurses' Health Study and other epidemiologic studies will be used to motivate the lectures and provide compelling and realistic examples.

Students outside of HSPH must request instructor permission to enroll in this course

Requirements: Pre-requisites: Epi 202, Epi 204. Recommended Bst 222, Bst 231, Bst 232

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 519 Section: 1

Evolutionary Epidemiology of Infectious Disease (190368)

Bill Hanage

2023 Fall (2.5 Credits) Schedule: TR 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 23

Like all living things, pathogens have evolved by natural selection. The application of evolutionary principles to infectious disease epidemiology is crucial to such diverse subjects as outbreak analysis, the understanding of how different genomic combinations of virulence and drug resistance determinants emerge, and how selection acts to produce successful pathogens that balance the costs and benefits of virulence and transmission. The goal of this course is to introduce basic evolutionary concepts, highlighting the importance of transmission to the fitness as illustrated by comparisons of the adaptive process among different sorts of pathogenic microorganisms. Students will also learn the basics of phylogenetic sequence analysis for the study of outbreaks and transmission, and the construction of simple mathematical models that probe the adaptive process.

Students outside of HSPH must request instructor permission to enroll in this course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 522 Section: 1

Analytic Methods for Epidemiology (190371)

Heather Baer

E. Orav

Anna Oberg

Kale Kponee

2023 Fall (5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 70

This course will cover a wide variety of methods used to analyze epidemiologic data. It will start with a review of the basic principles of causal inference and use of causal diagrams to identify confounding. This will provide a basis for introducing regression-based methods to control for confounding, including logistic regression and propensity score analysis. The course will also cover survival analysis and Cox proportional hazards regression for time-to-event data, extensions of logistic regression (including ordinal logistic regression, multinomial logistic regression, and conditional logistic regression), and methods for developing and validating prediction rules based on regression models. Finally, the course will discuss methods for handling missing data. Students will learn to implement these analytic methods using the Stata statistical software package, and they will apply these methods to a research question by working on a group project with a publicly-available dataset.

Course Restricted: Course open to MPH-EPI students only

Not available for Cross Registration

Requirements: Corequisite: ID207
Course Restricted: Students in the MPH EPI program

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Epidemiology 523 Section: 1

Investigating Outbreaks (190372)

Kayla Laserson

Samir Sodha

2023 Fall (1.25 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 64

The investigation of disease outbreaks both predates and gave birth to the fields of epidemiology and public health. In the modern day, tried and true epidemiologic methods persist along with new, sophisticated methods of discovery. The topic of outbreaks is also the fodder of movies and television with fictional characters playing the glamorous role of disease detectives solving ripped from the headlines situations. This course is grounded in the evidence-base and draws from the literature and field-based experience of the instructors to create an intensive and immersive two and a half-day learning experience. Key to the success of the course are learning experiences that leads up to (developing of Epi Info skills) and follows the interactive classroom-based experience (synthesis paper).

This course focuses on the fundamental epidemiologic skills needed to investigate an outbreak investigation. Mastery of the knowledge and skills in this area along with application during the course will foster the use of problem solving frameworks and implementation strategies needed to address future outbreak situations that you may face in your career. The case examples in the course and the real-time experience of attempting to address these scenarios will illustrate the complexities and unexpected nature of outbreak investigations. The experience of working in teams will also highlight the importance of collaboration in addressing pressing public health challenges.

Students outside of HSPH must request instructor permission to enroll in this course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 526 Section: 1

Analysis of Publicly Available Databases for Epidemiologic and Health Services Research (203524)

Ellen McCarthy

Sarinnapha Vasunilashorn

2023 Fall (2.5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 40

This course addresses the use of existing public use databases to study important questions related to clinical risk factors, treatment, outcomes, and health policy. The course is designed to bridge coursework in

epidemiological methods and biostatistics by providing practical experience manipulating and analyzing publicly available databases and complex surveys. Special attention is devoted to publicly available U.S. databases that are commonly used for epidemiologic and health services research and are readily available to new investigators. Such databases offer several advantages including their representative sampling designs allowing generalizability to larger populations, timeliness, and ability to evaluate trends, geographic variation, or rare conditions. Strengths and limitations of data sources will be considered. Practical issues in obtaining, linking, and analyzing databases will be emphasized throughout the course, and key statistical issues will be addressed, including appropriate analyses of complex survey designs. Students will complete programming exercises with STATA statistical software, prepare a proposal to analyze a specific research question using a public use database, and conduct analyses to address their research questions. Students should have working knowledge of Stata, basic programming skills, and Stata IC software.

Students in the MPH-EPI program have priority enrollment in this course. All other students must request instructor permission. Enrollment for non MPH-EPI students is based on a space available basis.

Class Notes: Students enrolled in the MPH in Epidemiology program have priority in this course. All other students must request instructor permission to enroll. Enrollment for non MPH-EPI students is based on a space available basis.

Requirements: Prerequisites: EPI204 or EPI236 or EPI522. Program Requirements: MPH-EPI students. Instructor permission required for all other students.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Epidemiology 527 Section: 1

Design and Conduct of Trials in Preventive Medicine (203526)

Howard Sesso

I-Min Lee

Jen Stuart

2023 Fall (2.5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 45

This course is designed for students interested in the design, conduct, analysis, and interpretation of trials in preventative medicine. This course will balance current knowledge and concepts in clinical trial methodology alongside the operationalization of how to effectively conduct a trial. Students will learn the components of a trial protocol and manual of operations, and gain insights on the pragmatic aspects of trial design, management, analysis, and interpretation. We will also have students gain first-hand experience both in the design and conduct of a small-scale, short-term clinical trial, and perspective as a participant in a trial. This course will enable students to apply their knowledge to published trial findings to understand their place in clinical practice and guidelines.

Students enrolled in the MPH-EPI program have priority enrollment in this course. MPH-GEN students will be automatically added to the waitlist during wave 2. All other students must request instructor permission (with priority of approval going to summer-focused/summer only students) and will be added into the course

during wave 3.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH-EPI
Wave 2 | MPH-EPI and MPH-GEN
Wave 3 | MPH-EPI, MPH-GEN, and approved petitioners

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts).

MPH-EPI and MPH-GEN students do not need to petition to enroll. Other students may petition, with students in summer-focused and summer-only programs receiving priority for petition approval.

Requirements: Prereqs: [ID207 & ID208] OR [BST202 & BST203 & EPI500 & EPI202] OR [EPI208 & BST206 & (BST207 OR BST208)] OR old ID207 (taken 2012-2014)].

MPH-EPI have priority enrollment in this course. MPH-GEN will be automatically waitlisted. Others must request instructor permission.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Epidemiology 528 Section: 1

Systematic Review and Meta-Analysis (203527)

Stefania Papatheodorou

Layal Chaker

2023 Fall (2.5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 45

This course introduces students to the science of research synthesis. Principles and methods for conducting

a systematic and quantitative review are illustrated through case studies of public health and medical issues, with emphasis on exploring sources of variation in various settings. The course will introduce research databases, reference management software, pooled estimates and sources of heterogeneity, bias, and practical applications.

Students enrolled in the MPH-EPI program have priority enrollment in this course. MPH-GEN students will be automatically added to the waitlist during wave 2. All other students must request instructor permission (with priority of approval going to summer-focused/summer only students) and will be added into the course during wave 3.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH-EPI
Wave 2 | MPH-EPI and MPH-GEN
Wave 3 | MPH-EPI, MPH-GEN, and approved petitioners

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts).

MPH-EPI and MPH-GEN students do not need to petition to enroll. Other students may petition, with students in summer-focused and summer-only programs receiving priority for petition approval.

Requirements: Prereqs: [ID207 & ID208] OR [BST202 & BST203 & EPI500 & EPI202] OR [EPI208 & BST206 & (BST207 OR BST208)] OR old ID207 (taken 2012-2014)].

MPH-EPI have priority enrollment in this course. MPH-GEN will be automatically waitlisted. Others must request instructor permission.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Epidemiology 529 Section: 1

Applications of Epidemiology (205521)

Jen Stuart

2023 Fall (1.25 Credits)		Schedule:	TBD
Instructor Permissions:	None	Enrollment Cap:	35

Students enrolled in the MPH-EPI program have priority enrollment in this course. If room is available, summer-only students will be enrolled into the course from the waitlist. Summer only students may waitlist themselves without receiving instructor permission.
This course provides students with a wide variety of applications of epidemiology methods from a menu of modules that reflects active research by the members of the Department of Epidemiology at the Harvard T.H. Chan School of Public Health. Modules contain 3-4 videos (total length approximately one hour) on a common topic and are listed by the twelve Areas of Interest within the Department of Epidemiology. These include Cancer Epidemiology and Cancer Prevention, Cardiovascular Epidemiology, Clinical Epidemiology, Environmental and Occupational Epidemiology, Epidemiologic Methods, Epidemiology of Aging, Infectious Disease Epidemiology, Genetic Epidemiology and Statistical Genetics, Neuro-Psychiatric Epidemiology, Nutritional Epidemiology, Pharmacoepidemiology, and Reproductive, Perinatal, and Pediatric Epidemiology. Students are required to view the videos and complete the assignments related to eight modules chosen from the listed options.

Course Prerequisite(s): [(ID 201)] OR [EPI 500 and (BST 202 and BST 203)] OR [(ID 207 and ID 208)] OR [(BST 206 and 207) OR (BST 206 and 208) and EPI 208].

Class Notes:	Students enrolled in the MPH-EPI program have priority enrollment in this course. MPH-GEN students will be automatically added to the waitlist. Summer-only students must request instructor permission.
Requirements:	Pre-Requisites: [(ID 201)] OR [EPI 500 and (BST 202 and BST 203)] OR [(ID 207 and ID 208)] OR [(BST 206 and 207) OR (BST 206 and 208) and EPI 208] MPH-EPI and MPH-GEN do not need to petition. Priority to MPH-EPI students.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Epidemiology 945F Section: 1

Applied Practice and Integrative Learning Experience for Epidemiology (208093)

Heather Baer

2023 Fall (2.5 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	n/a

Students in the Master of Public Health in Epidemiology (MPH-EPI) program are required to develop and conduct a supervised project (practicum) addressing a clinical or public health question of interest. This practicum may include aspects of epidemiology, biostatistics, decision sciences, or other quantitative aspects of public health. All students are assigned a Harvard faculty member to be their mentor for the practicum. The Harvard mentor can be from the Harvard T.H. Chan School of Public Health or from one of the other

schools at the University.

During the first year of the program, members of the MPH-EPI Practicum Committee assist students in selecting an appropriate practicum topic and identifying the Harvard faculty member who will be their mentor for the practicum. Students then submit a brief proposal (the draft Learning Agreement) which must be approved by the mentor and the MPH-EPI Practicum Committee. During the second year, students have regular online meetings with their mentor to obtain guidance and feedback on the project. They submit the final version of the Learning Agreement in the fall, and they submit progress reports during the fall and spring. The practicum culminates with a presentation of the results at the end of the spring semester, and there is a symposium in May, right before graduation.

Enrollment Requirements
Course Restricted to students in the 2nd Year of the MPH-EPI program

Requirements: Course Restricted to students in the 2nd Year of the MPH-EPI program

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Epidemiology 946F Section: 1

Applied Practice and Integrative Learning Experience for Clinical Effectiveness (Academic Year) (208078)

Daniel Singer

Heather Baer

E. Orav

2023 Fall (1.25 Credits) Schedule: F 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 65

EPI 946F, SECTION 1 Daniel Singer (Primary Instructor) This seminar serves as a forum for students' clinical epidemiologic research. In the process, students are exposed to a variety of research designs, analytic strategies, and content areas. There is active class discussion. Faculty emphasize methodologic issues pertinent to the class research presentation.

Course Activities: Student presentations or written assignment

Course Note: Must register in each appropriate semester; separate grade given at the end of each semester. Instructor approval required for all NON-MPH CLE students.

EPI 946F, SECTION 2 Heather Baer (Primary Instructor) This seminar is an alternative to the EPI 946 Section 1 seminar on Friday mornings and is reserved for academic-year MPH-CLE students who are unable to attend the Friday morning EPI 946F seminars due to clinical responsibilities or other unavoidable conflicts. Students in Section 2 must attend another work-in-progress research seminar in their department or division on a regular basis (at least every other week, and subject to approval by the Instructor), and they must present their own work and get feedback from faculty and colleagues. The goal is to expose students to a variety of research designs, analytic strategies, and content areas.

Course Activities: Students must participate in regular research seminars, work on their own research projects, and present their work during one semester; must do two written critiques of other students' presentations during the semester when they are not presenting.

Course Note: You must register in each appropriate semester (need 2 semesters total); separate grade given

at the end of each semester. Section 1 is the recommended option for all students. Instructor approval is required for Section 2 and will only be granted to students with strong justification. Please contact the Dr. Baer at hbaer@bwh.harvard.edu for details about how to request approval to register for section 2.

Requirements: Course Restricted to students in the Clinical Effectiveness (academic year) concentration.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 946F Section: 2

Applied Practice and Integrative Learning Experience for Clinical Effectiveness (Academic Year) (208078)

Heather Baer

Daniel Singer

E. Orav

2023 Fall (1.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

EPI 946F, SECTION 1 Daniel Singer (Primary Instructor) This seminar serves as a forum for students' clinical epidemiologic research. In the process, students are exposed to a variety of research designs, analytic strategies, and content areas. There is active class discussion. Faculty emphasize methodologic issues pertinent to the class research presentation.

Course Activities: Student presentations or written assignment

Course Note: Must register in each appropriate semester; separate grade given at the end of each semester. Instructor approval required for all NON-MPH CLE students.

EPI 946F, SECTION 2 Heather Baer (Primary Instructor) This seminar is an alternative to the EPI 946 Section 1 seminar on Friday mornings and is reserved for academic-year MPH-CLE students who are unable to attend the Friday morning EPI 946F seminars due to clinical responsibilities or other unavoidable conflicts. Students in Section 2 must attend another work-in-progress research seminar in their department or division on a regular basis (at least every other week, and subject to approval by the Instructor), and they must present their own work and get feedback from faculty and colleagues. The goal is to expose students to a variety of research designs, analytic strategies, and content areas.

Course Activities: Students must participate in regular research seminars, work on their own research projects, and present their work during one semester; must do two written critiques of other students' presentations during the semester when they are not presenting.

Course Note: You must register in each appropriate semester (need 2 semesters total); separate grade given at the end of each semester. Section 1 is the recommended option for all students. Instructor approval is required for Section 2 and will only be granted to students with strong justification. Please contact the Dr. Baer at hbaer@bwh.harvard.edu for details about how to request approval to register for section 2.

Requirements: Course Restricted to students in the Clinical Effectiveness (academic year) concentration.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 947F Section: 1

Applied Practice and Integrative Learning Experience for Clinical Effectiveness (Summer-Only) (208090)

Heather Baer

2023 Fall (2.5 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Summer-Only CLE Master of Public Health Program students develop an off-site practicum at their home institution under the supervision of a local mentor and a member of faculty at HSPH. This practicum may include aspects of epidemiology, biostatistics, decision sciences, or other quantitative aspects of public health. Students should apply the competencies learned in core courses to an actual investigation. Following the first summer course work, students must submit a brief written proposal for the practicum (called the Learning Agreement), in which they indicate their local mentor for the project as well as their HSPH faculty supervisor (if they already have one; if not, one will be identified.) Students ordinarily would write a paper suitable for publication, a grant proposal, or technical report. This exercise will culminate with a presentation in the final summer of the student's program. More information about the practicum and the Learning Agreement can be found on this website:

https://www.hsph.harvard.edu/public-health-practice-resources/for-students/mph-practicum-information/mph-in-clinical-effectiveness-practicum/

Course Note: Student must attend the sessions of this course during the second and third summer (to hear other students' presentations and to present their own project) and they are encouraged to attend their first summer as well. Regular contact between students and mentors is expected via e-mail during the year to seek advice, provide activity updates, and to discuss approaches to the solution of methodological issues.

Requirements: Course Restricted to students in the MPH summer focused CLE program.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 947F Section: 2

Applied Practice and Integrative Learning Experience for Clinical Effectiveness (Summer-Only) (208090)

Heather Baer

2023 Fall (2.5 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Summer-Only CLE Master of Public Health Program students develop an off-site practicum at their home institution under the supervision of a local mentor and a member of faculty at HSPH. This practicum may include aspects of epidemiology, biostatistics, decision sciences, or other quantitative aspects of public health. Students should apply the competencies learned in core courses to an actual

investigation. Following the first summer course work, students must submit a brief written proposal for the practicum (called the Learning Agreement), in which they indicate their local mentor for the project as well as their HSPH faculty supervisor (if they already have one; if not, one will be identified.) Students ordinarily would write a paper suitable for publication, a grant proposal, or technical report. This exercise will culminate with a presentation in the final summer of the student's program. More information about the practicum and the Learning Agreement can be found on this website:

https://www.hsph.harvard.edu/public-health-practice-resources/for-students/mph-practicum-information/mph-in-clinical-effectiveness-practicum/

Course Note: Student must attend the sessions of this course during the second and third summer (to hear other students' presentations and to present their own project) and they are encouraged to attend their first summer as well. Regular contact between students and mentors is expected via e-mail during the year to seek advice, provide activity updates, and to discuss approaches to the solution of methodological issues.

Requirements: Course Restricted to students in the MPH summer focused CLE program.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 947F Section: 3

Applied Practice and Integrative Learning Experience for Clinical Effectiveness (Summer-Only) (208090)

Heather Baer

2023 Fall (2.5 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Summer-Only CLE Master of Public Health Program students develop an off-site practicum at their home institution under the supervision of a local mentor and a member of faculty at HSPH. This practicum may include aspects of epidemiology, biostatistics, decision sciences, or other quantitative aspects of public health. Students should apply the competencies learned in core courses to an actual investigation. Following the first summer course work, students must submit a brief written proposal for the practicum (called the Learning Agreement), in which they indicate their local mentor for the project as well as their HSPH faculty supervisor (if they already have one; if not, one will be identified.) Students ordinarily would write a paper suitable for publication, a grant proposal, or technical report. This exercise will culminate with a presentation in the final summer of the student's program. More information about the practicum and the Learning Agreement can be found on this website:

https://www.hsph.harvard.edu/public-health-practice-resources/for-students/mph-practicum-information/mph-in-clinical-effectiveness-practicum/

Course Note: Student must attend the sessions of this course during the second and third summer (to hear other students' presentations and to present their own project) and they are encouraged to attend their first summer as well. Regular contact between students and mentors is expected via e-mail during the year to seek advice, provide activity updates, and to discuss approaches to the solution of methodological issues.

Requirements: Course Restricted to students in the MPH summer focused CLE program.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Subject: Interdepartmental

Interdepartmental 239 Section: 1

Reimagining Public Health - Historical Dimensions of Enduring Issues (222041)

Emily Harrison

Jesse Bump

David Shumway Jones

2023 Fall (2.5 Credits) Schedule: TR 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 30

Public health problems may be urgent challenges for the present, but they have deep historical antecedents in complicated and problematic pasts. These pasts continue to matter in the present. This course empowers you to think deeply and dynamically about the complex issues that confront and often confound public health careers. Through historical exploration of five key themes, each theme framed by one big and enduring question in public health, the course demonstrates a critical apparatus for contextualizing public health work while encouraging you to apply lessons learned, reimagine approaches, and develop new strategies for persistent problems. By providing a better sense of where public health has been and where it is, the course will build a stronger sense of shared professional identity and prepare you to lead more inclusively, with enhanced abilities to imagine different perspectives and positions. Intended primarily for master's degree candidates but open to all, the course fulfills one 2.5 credit elective.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $75

Interdepartmental 510 Section: 1

Nutritional Epidemiology of Cancer (190810)

Stephanie Smith-Warner

Edward Giovannucci

2023 Fall (2.5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 20

Course Description
This course will examine several current nutrition and cancer research areas with a focus on critical evaluation of recent publications, discussion of methodologic issues, and mechanistic studies. The different components of putting together a research grant will also be discussed.

Course Activities: Class participation, oral presentation, final project that is a grant proposal on a specific

nutrition and cancer association or 2) a review article of a controversial topic and written critique of a published research article.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Interdepartmental 537 Section: 1

Obesity Epidemiology (190821)

Jorge Chavarro

Frank Hu

2023 Fall (2.5 Credits) Schedule: F 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 48

This course reviews current evidence on the burden, causes, consequences, and prevention of obesity from an epidemiological perspective. The course also reviews common epidemiologic methods to conduct obesity research and provides students with skills to critically analyze studies in obesity epidemiology. The policy and public health implications of recent findings in obesity research are discussed through case-studies.

Students outside of HSPH must request instructor permission to enroll in this course

Requirements: Pre-requisites: ID538 or ID201 or PHS 2000 or [(BIO200 or BIO201 or BIO202&203 or BIO206&207 or BIO206&208 or BIO206&209) and (EPI500 or EPI201 or EPI208 or EPI505)]

ID538 may be taken concurrently

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Subject: Women, Gender & Health

Women, Gender & Health 211 Section: 1

Gender and Health: Introductory Perspectives (191279)

Brittany Charlton

2023 Fall (2.5 Credits) Schedule: F 0200 PM - 0450 PM

Instructor Permissions: None Enrollment Cap: 40

This course will introduce students to gender as a theoretical concept and a category of analysis in public health—specifically, the ways in which gender contributes to differentially structuring women and men's experiences of health. The course proposes to answer such questions as: How can understanding gender structures help us interpret public health research? How has gender influenced the construction of public health in diverse societies? How do our social frameworks and structures, such as gender, affect people's experiences and expectations of health? How is the success of behavioral change interventions and the validity of basic behavioral and evaluation research affected by gender? This course emphasizes the epidemiological aspects of gender analysis and the interactions among gender, class, race/ethnicity, and sexuality. The course will cover a broad range of health issues for which gender has been of special importance. Topics covered include: biology, chronic disease, mortality and morbidity, contraceptives, infertility, endometriosis, sexual orientation, gender identity and expression, body image, masculinity, weight and shape control behaviors, abortion, and global reproductive health. Additionally, sessions will include global, U.S. domestic, and historical perspectives, with attention primarily paid to the epidemiologic investigation as well as the social and behavioral sciences and health policy dimensions.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $25
All: Cross Reg Availability	Available for Harvard Cross Registration

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Women, Gender & Health 230 Section: 1

The Health of Transgender and Gender Diverse People (220634)

Sereno Reisner

2023 Fall (2.5 Credits) Schedule: F 0100 PM - 0400 PM

Instructor Permissions: Instructor Enrollment Cap: 40

The goal of this course is to introduce students to transgender and gender diverse (TGD) public health, an emerging multidisciplinary field focused on the health and wellbeing of TGD adults (also referred to as gender minorities). Students will acquire foundational knowledge to understand and address the health and wellbeing of TGD people including: terminology, history of TGD health and medicine, and information about the make-up of who TGD communities; concepts, theories, and frameworks guiding TGD health; global epidemiological research on physical and mental health morbidity and mortality; health inequities/disparities and determinants of TGD population health; best practices in research methodologies such as measurement/operationalization of gender identity and community engagement methods; issues in healthcare access and utilization, including models of TGD care; evidence-based prevention and intervention strategies; law, policy, and advocacy considerations; and current controversies and scientific debates. Readings and discussion will incorporate the multiple contexts that influence the lives and health and wellbeing of TGD populations (e.g., social, cultural, structural, political, and legal). The course takes an intersectional approach, emphasizes strengths and resiliencies, and brings in a human rights perspective.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health and Population

Subject: Global Health & Population

Global Health & Population 200 Section: 1

Doing Health Reform Better (220200)

Michael Reich

2023 Fall (2.5 Credits) Schedule: TR 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 67

This course provides an introduction to the analysis of health systems and the processes of health reform, with attention to the technical, political, and ethical aspects of "doing health reform better," and a focus on low-income and middle-income countries. The course is structured around the analytical framework of five policy levers of financing, payment, organization, regulation, and persuasion, as critical determinants of health system performance. The course uses different pedagogical formats, including lectures, interactive large-group discussions, case studies, and small group projects. The overall objective is to provide a practical approach for diagnosing the causes of disappointing health system performance, and devising implementable reforms to improve the level and equity of performance—in short, doing health reform better.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 204 Section: 1

Foundations of Global Mental Health (211165)

Vikram Patel

Shekhar Saxena

2023 Fall (2.5 Credits) Schedule: TR 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 50

The course is an introduction to the field of global mental health. The curriculum is primarily informed by the Lancet Commission on Global Mental Health & Sustainable Development (2018) (https://www.thelancet.com/commissions/global-mental-health) which proposed a re-framing of mental health in three key ways: adopting a dimensional approach to mental health; recognizing the convergence of social and biological determinants in the emergence of mental health problems; and realizing a rights based approach to mental health. The curriculum also curates the key messages from the World Mental Health Report published by World Health Organization in 2022 (https://www.who.int/publications/i/item/9789240049338). The course

takes a life course approach and focuses on determinants and risk factors for mental health within a public health framework. Besides the two instructors, who were the lead editors of the Commission, the course includes a selection of leading experts as guest instructors for specific sessions. Along with GHP 208 Global Mental Health Delivery: From Research to Practice, offered in Spring 2, this course forms the core of the interdisciplinary concentration in Population Mental Health at Harvard T.H. Chan School of Public Health (https://www.hsph.harvard.edu/population-mental-health/). This course is cross-listed at Harvard Medical School.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 210A Section: 1

Concepts and Methods for Global Health and Population Studies (Part A) (222151)

David Canning

Winnie Yip

2023 Fall (2.5 Credits) Schedule: W 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 24

This course is intended as a survey of the ideas, theories, data, methods and debates in the study of global health and population. It is organized around two major themes. The first theme – family and population health – will cover the major present and future drivers of population health globally (such as aging, urbanization, changing lifestyles, pandemics, and climate change), as well as the major burdens of diseases and their global distributions. It will further cover the important relationships between global health, human development and equitable societies. One methodological focus of this theme will be population-, community- and family-based interventions to reduce the world's largest health risks and disease burdens, boosting health literacy and fluency, motivating behavior change for health, and enhancing screening and early disease detection, as well as supporting long-term treatment and care. Another methodological focus of this theme will be a broad-scope introduction to the scientific methods of studying family and population health, including approaches to understand the drivers and contexts of health and disease, and designing and evaluating novel interventions and policies.

The second theme – health systems – will cover underlying theories and empirical evidence for analyzing different components of a health care system and how they interact with each other to determine a health system's performance. Specifically, it will cover existing health system frameworks and how they compare with each other, different financing approaches, provider payment methods, market structures, models of organization of healthcare delivery, regulation, and behavioral interventions. It will also cover ethical principles in guiding health system reform and priority setting. In addition, it will cover political economy in health reform decision and implementation. This part of the course adopts an inter-disciplinary approach, drawing on economics, political science, ethics, organizational behavior, among others.

Once students have completed this course, they will be able to (i) describe and explain the major drivers of health and disease worldwide, (ii) identify and explain major mechanisms that connect health with human, economic and social development, (iii) identify powerful interventions for population health, (iv) select the best methods to discover, design, test, and transport novel interventions and policies to boost population health. They will also be able to (v) describe and explain health systems goal and levers, (vi) compare and

contrast the major approaches to funding, paying for, delivering, governing and regulating healthcare, and (vii) distinguish and critically apply alternative conceptions of equity in the context of health and health systems.

Class Notes: Grade and Credit Units Note: GHP 210 is a yearlong class comprised of two parts: Part A in the Fall and Part B in the Spring. Students only receive a grade in GHP 210 after they have completed both Part A and Part B.

At the end of the Fall term, students will receive an "IP" ("in progress") grade in GHP 210A. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of the Spring term. This means the 2.5 credits from GHP 210A will not be reflected in the student's transcript when the "IP" grade is present. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 5 credits the student earned from GHP 210.

Students will be enrolled administratively into Part B before the Spring term begins.

Requirements: Course Restricted: SD, DPH, DRPH, PHD students only

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $25
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 220 Section: 1

Introduction to Demographic Methods (190390)

Marcia Castro

2023 Fall (2.5 Credits) Schedule: F 0800 AM - 0930 AM
MW 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 48

This is an introductory level class on the analysis of mortality, fertility and population change. It is required for all masters' and doctoral students in the department of Global Health and Population. Students are introduced to the core literature in this field through lectures, and assigned readings selected from peer-reviewed journals and textbooks. Together, these provide a graduate-level introduction to the principle sources and characteristics of population data and to the essential methods used for the analysis of population problems. The emphasis throughout is on understanding the key processes, models and assumptions used primarily for the analysis of demographic components. Practical training will be given through a required weekly laboratory session, assignments, and a final examination. Examples presented in class and used in assignments are drawn from several countries, combining both developed and developing in assignments are drawn from several countries, combining both developed and developing world realities.

Course Note: Priority enrollment for GHP-SM2 and doctoral students in GHP. Any remaining seats will be available on a first-come first-serve basis. Students outside of HSPH must request instructor permission to

enroll in this course.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | PhD PHS-GHP, GHP SM2
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $25

Global Health & Population 230 Section: 1

Introduction to Economics with Applications to Health and Development (190394)

Margaret McConnell

2023 Fall (2.5 Credits) Schedule: MW 0200 PM - 0330 PM
F 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 70

This course provides an overview of the microeconomic theories and concepts most relevant for understanding health and development. Each week of the course will cover basic concepts in economics with an application to health.

It describes how the markets for health and health services are different from other goods, with a particular emphasis on the role of government and market failure. In addition it discusses the theoretical and empirical aspects of key health economics issues, including the demand for health and health services, supply side concerns, health insurance, the provision of public goods, and related topics. The course encourages

students to fundamentally and rigorously examine the role of the market for the provision of health and health services and how public policy can influence these markets.

At the completion of the course, you will:

1) Understand the basic intuition of microeconomics models of consumers, producers and welfare.
2) Understand market failures, their implications and solutions.
3) Be familiar with current issues in global health economics around the demand for health and health insurance.
4) Consume, discuss and write about economic studies of health and health care systems.

Priority Enrollment: Course is required for GHP-SM2, MPH45-GH and MPH65-GH. Any remaining seats will be available on a first-come first-serve basis. Students outside of HSPH must request instructor permission to enroll in this course.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | GHP SM2, MPH45 GH, and PhD PHS-GHP
Wave 2 | GHP SM2, MPH45 GH, and PhD PHS-GHP
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 262 Section: 1

Emerging Issues in Humanitarian Response and Human Rights (205597)

Patrick Vinck

Michael VanRooyen

2023 Fall (2.5 Credits) Schedule: TR 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 45

The course will provide an introduction to the foundational concepts and emerging issues essential for understanding and engaging in humanitarian and human rights research and action. The course will prepare students to understand and engage in humanitarian response and human rights protection, while examining emerging critical challenges that have multi-dimensional global impacts. These issues include armed conflict, social oppression migration, community engagement and accountability, among other themes. The major options for protection and support- including early warning, prevention, and mitigation strategies - will be analyzed through case studies and discussion of current research findings, and through the lenses of the norms, actors, and processes of international humanitarian and human rights law, operations, and policy.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 272 Section: 1

Foundations of Global Health and Population (190409)

David Bloom

Joel Lamstein

2023 Fall (5 Credits) Schedule: MWF 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 37

This course is required for all incoming master of science students in Global Health and Population. It is intended as a broad survey of the main facts, issues, perspectives, methods, results, and conclusions in the areas of global population and health.

The course is organized into three blocks. The first block deals with theory, methods, and evidence related to the state of global health and population and reviews salient population and health issues, both past and present. The focus is on patterns and trends in morbidity, mortality, fertility, and reproductive health, as well as the size, structure, and growth of population. Environmental concerns and inequities linked to health and population are also addressed.

The second block deals with the economic, social, legal, political, ecological, and historical contexts in which global health and population issues arise and must be addressed. This block introduces economic, political, and rights-based perspectives on the place of health in the process of international development.

The third block covers approaches to the design and implementation of policies and programs to address health and population problems. Medical interventions, non-medical health interventions, and non-health interventions will all be considered.

Course is Restricted: SM2 research students in the Department of Global Health and Population. Any remaining seats will be made available to other students pending instructor permission.

Class Notes: A course materials fee may apply for this course. An upper estimate is

listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | GHP SM2
Wave 2 | GHP SM2
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $25

Global Health & Population 293 Section: 1

Individual and Social Responsibility for Health (190414)

Daniel I. Wikler

2023 Fall (2.5 Credits) Schedule: TR 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 45

This course serves as an introduction to ethical issues in the practice of public health, with particular emphasis on those involving individual health-related choices.

Our goals:

- Identify and articulate the ethical dimensions of decisions arising in the practice of public health.
- Contribute to the resolution of ethical dilemmas arising in the practice of public health through logically rigorous and evidence-based ethical reasoning.
- Examine the bases for ascription of responsibility for health to individuals, to society, and to others whose actions influence health.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $25

Global Health & Population 299A Section: 1

Masters Thesis (205230)

Christopher Sudfeld

Nicolas Menzies

Stephane Verguet

Aisha Yousafzai

2023 Fall (2.5 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

This is a year-long course worth a total of 5 credits (2.5 in the fall and 2.5 in the spring).
Student must produce a written thesis in accordance with the thesis guidelines developed by the department.

Course Note: Enrollment limited to GHP SM2 students only.

Grade Note: GHP 299 is a yearlong class comprised of two parts: Part A in the Fall and Part B in the Spring. For enrollment purposes and planning credit totals, students should factor 2.5 credits during Fall and 2.5 credits during Spring. Students only receive a grade in GHP 299 after they have completed both Part A and Part B. At the end of the Fall term, students will receive an "IP" ("in progress") grade in GHP 299. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of the Spring term. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 5 credits the student earned from GHP 299.

Requirements: Course Restricted: GHP SM2 students only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH:Year Long Course	HSPH:Year Long Course

Global Health & Population 300 Section: 1

Independent Study (190419)

Richard Cash

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 101

Independent Study (190419)

Michael VanRooyen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 102

Independent Study (190419)

Michael VanRooyen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 103

Independent Study (190419)

Michael VanRooyen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 104

Independent Study (190419)

Peter Berman

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 108

Independent Study (190419)

Rifat Atun

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 109

Independent Study (190419)

Rifat Atun

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 109

Independent Study (190419)

Bram Wispelwey

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 110

Independent Study (190419)

Rifat Atun

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 111

Independent Study (190419)

Joseph Rhatigan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 112

Independent Study (190419)

Joseph Rhatigan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 113

Independent Study (190419)

Joseph Rhatigan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 114

Independent Study (190419)

Peter Berman

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 115

Independent Study (190419)

Peter Berman

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 116

Independent Study (190419)

Stephane Verguet

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 117

Independent Study (190419)

Stephane Verguet

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 118

Independent Study (190419)

Stephane Verguet

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 119

Independent Study (190419)

Margaret Kruk

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 120

Independent Study (190419)

Margaret Kruk

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 121

Independent Study (190419)

Margaret Kruk

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 122

Independent Study (190419)

Nicolas Menzies

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 123

Independent Study (190419)

Nicolas Menzies

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 124

Independent Study (190419)

Nicolas Menzies

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 125

Independent Study (190419)

Christopher Sudfeld

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 126

Independent Study (190419)

Christopher Sudfeld

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 127

Independent Study (190419)

Christopher Sudfeld

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 13

Independent Study (190419)

David Canning

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 131

Independent Study (190419)

Jacqueline Bhabha

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 132

Independent Study (190419)

Jacqueline Bhabha

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 133

Independent Study (190419)

Jacqueline Bhabha

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 135

Independent Study (190419)

Martin Lajous Loaeza

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 136

Independent Study (190419)

Martin Lajous Loaeza

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 137

Independent Study (190419)

Martin Lajous Loaeza

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 138

Independent Study (190419)

Jesse Bump

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 139

Independent Study (190419)

Jesse Bump

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 14

Independent Study (190419)

David Canning

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 140

Independent Study (190419)

Jesse Bump

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 15

Independent Study (190419)

David Canning

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 153

Independent Study (190419)

Aisha Yousafzai

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 154

Independent Study (190419)

Aisha Yousafzai

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 155

Independent Study (190419)

Aisha Yousafzai

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 156

Independent Study (190419)

Sebastian Bauhoff

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 157

Independent Study (190419)

Sebastian Bauhoff

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 158

Independent Study (190419)

Sebastian Bauhoff

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 159

Independent Study (190419)

Kevin Croke

2023 Fall (0 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 16

Independent Study (190419)

Marcia Castro

2023 Fall (0 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 160

Independent Study (190419)

Kevin Croke

2023 Fall (0 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 161

Independent Study (190419)

Kevin Croke

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 17

Independent Study (190419)

Marcia Castro

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 18

Independent Study (190419)

Marcia Castro

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 19

Independent Study (190419)

Jessica Cohen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 2

Independent Study (190419)

Richard Cash

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 2

Independent Study (190419)

Bram Wispelwey

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 20

Independent Study (190419)

Jessica Cohen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 200

Independent Study (190419)

Mary Wilson

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 201

Independent Study (190419)

Mary Wilson

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 202

Independent Study (190419)

Mary Wilson

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 203

Independent Study (190419)

Phuong Pham

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 204

Independent Study (190419)

Phuong Pham

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 205

Independent Study (190419)

Phuong Pham

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 209

Independent Study (190419)

Patrick Vinck

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 21

Independent Study (190419)

Jessica Cohen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 210

Independent Study (190419)

Patrick Vinck

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 211

Independent Study (190419)

Patrick Vinck

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 212

Independent Study (190419)

Satchit Balsari

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 213

Independent Study (190419)

Satchit Balsari

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 214

Independent Study (190419)

Satchit Balsari

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 22

Independent Study (190419)

Shekhar Saxena

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 23

Independent Study (190419)

Shekhar Saxena

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 24

Independent Study (190419)

Shekhar Saxena

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 25

Independent Study (190419)

Ole Norheim

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 26

Independent Study (190419)

Ole Norheim

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 27

Independent Study (190419)

Ole Norheim

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 3

Independent Study (190419)

Richard Cash

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 3

Independent Study (190419)

Bram Wispelwey

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 37

Independent Study (190419)

Ana Langer

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 38

Independent Study (190419)

Ana Langer

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 39

Independent Study (190419)

Ana Langer

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 4

Independent Study (190419)

Bram Wispelwey

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 4

Independent Study (190419)

Winnie Yip

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 5

Independent Study (190419)

Winnie Yip

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 52

Independent Study (190419)

Michael Reich

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 53

Independent Study (190419)

Michael Reich

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 54

Independent Study (190419)

Michael Reich

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 6

Independent Study (190419)

Winnie Yip

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 61

Independent Study (190419)

Goodarz Danaei

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 62

Independent Study (190419)

Goodarz Danaei

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 63

Independent Study (190419)

Goodarz Danaei

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 64

Independent Study (190419)

Margaret McConnell

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 65

Independent Study (190419)

Margaret McConnell

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 66

Independent Study (190419)

Margaret McConnell

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 67

Independent Study (190419)

Daniel I. Wikler

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 68

Independent Study (190419)

Daniel I. Wikler

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 69

Independent Study (190419)

Daniel I. Wikler

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 7

Independent Study (190419)

David Bloom

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 73

Independent Study (190419)

Vikram Patel

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 74

Independent Study (190419)

Vikram Patel

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 75

Independent Study (190419)

Vikram Patel

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 8

Independent Study (190419)

David Bloom

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 89

Independent Study (190419)

Paul Gregg Greenough

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 9

Independent Study (190419)

David Bloom

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 90

Independent Study (190419)

Paul Gregg Greenough

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 91

Independent Study (190419)

Paul Gregg Greenough

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 15

Research (190420)

Rifat Atun

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 16

Research (190420)

Till Baernighausen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 17

Research (190420)

Sebastian Bauhoff

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 18

Research (190420)

David Bloom

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 20

Research (190420)

David Canning

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 21

Research (190420)

Marcia Castro

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 22

Research (190420)

Jessica Cohen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 23

Research (190420)

Kevin Croke

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 24

Research (190420)

Goodarz Danaei

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 27

Research (190420)

Margaret Kruk

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 28

Research (190420)

Ana Langer

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 29

Research (190420)

Margaret McConnell

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 30

Research (190420)

Nicolas Menzies

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 31

Research (190420)

Michael Reich

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 32

Research (190420)

Joshua Salomon

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 33

Research (190420)

Shekhar Saxena

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 34

Research (190420)

Christopher Sudfeld

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 35

Research (190420)

Stephane Verguet

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 36

Research (190420)

Winnie Yip

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 37

Research (190420)

Aisha Yousafzai

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 400 Section: 40

Non-Resident Research (190421)

Rifat Atun

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 400 Section: 42

Non-Resident Research (190421)

David Canning

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 400 Section: 43

Non-Resident Research (190421)

Marcia Castro

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 400 Section: 44

Non-Resident Research (190421)

Jessica Cohen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 400 Section: 45

Non-Resident Research (190421)

Margaret Kruk

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 400 Section: 46

Non-Resident Research (190421)

Michael Reich

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 400 Section: 47

Non-Resident Research (190421)

Stephane Verguet

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 400 Section: 48

Non-Resident Research (190421)

Margaret McConnell

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 400 Section: 49

Non-Resident Research (190421)

Goodarz Danaei

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 400 Section: 50

Non-Resident Research (190421)

Sebastian Bauhoff

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 400 Section: 51

Non-Resident Research (190421)

Kevin Croke

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 400 Section: 52

Non-Resident Research (190421)

Aisha Yousafzai

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 400 Section: 53

Non-Resident Research (190421)

Nicolas Menzies

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 400 Section: 54

Non-Resident Research (190421)

Winnie Yip

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 400 Section: 55

Non-Resident Research (190421)

Christopher Sudfeld

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 400 Section: 58

Non-Resident Research (190421)

Shekhar Saxena

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 400 Section: 59

Non-Resident Research (190421)

David Bloom

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 400 Section: 60

Non-Resident Research (190421)

Ana Langer

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 525 Section: 1

Econometrics for Health Policy (190440)

Terence Cheng

2023 Fall (5 Credits) Schedule: TR 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 67

This is a course in applied econometrics for doctoral and advanced master level students. The course has two primary objectives: (1) to develop skills in linking economic behavioral models and quantitative analysis, in a way that students can use in their own research; (2) to develop students' abilities to understand and evaluate critically other peoples' econometric studies.

The course focuses on developing the theoretical basis and practical application of the most common empirical models used in health policy research. In particular, it pays special attention to a class of models identifying causal effects in observational data, including instrumental variable estimation, simultaneous equations and two-stage-least-squares, quasi-experiments and difference-in-difference method, sample selection, treatment effect models and propensity score methods.

Lectures will be complemented with computer exercises building on public domain data sets commonly used in health research. The statistical package recommended for the exercises is Stata.

Course Note: Students are expected to be familiar with probability theory (density and distribution functions) as well as the concepts underlying basic ordinary least square (OLS) estimation.

Course Activities: Optional review and computer lab sessions will be held.

Course Prerequisites: BST210 or BST213; or equivalent course taken at Harvard Chan or HGSE with instructor permission

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | GHP SM2, PhD PHS-GHP
Wave 2 | GHP SM2, PhD PHS-GHP
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM
Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM

Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Prerequisite: BIO210 or BIO213. Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 539 Section: 1

Control of Infectious Diseases in Low/Mid Income Countries: Social, Political & Economic Dimensions (190453)

Richard Cash

2023 Fall (2.5 Credits) Schedule: TR 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 55

This course develops knowledge, skills and values to analyze the social, political and economic determinants and outcomes of selected infectious diseases (bacterial and viral) of importance in low- and middle- income countries. Speakers include both practitioners and scholars in the field. Students work in small groups to research, prepare and present illustrative case studies, which highlight the importance of context in formulating effective and feasible interventions for prevention and control. Analytic frameworks are developed to provide future guidance in dealing with these and other infectious diseases in low-resource settings. The course assumes a basic understanding of disease-specific epidemiology and stimulates critical thinking.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 553 Section: 1

Human Rights Dilemmas in Child Protection (190466)

Jacqueline Bhabha

2023 Fall (2.5 Credits)		Schedule:	TR 0945 AM - 1115 AM
Instructor Permissions:	None	Enrollment Cap:	30

A growing number of children and adolescents around the world are subjected to violence, exploitation and other forms of abuse. These harms persist despite the proliferation of international norms and structures designed to protect this population and promote its well-being. In many cases global transformations exacerbate rather than reduce the risks of abuse and increase the protection challenges these risks give rise to. Though each category of child protection deficit has its own characteristics and its attendant normative framework, they all share common and definable elements. These commonalities reflect key structures of the society in which the harms occur: growing income inequality and poverty; natural or man-made disasters of unprecedented destruction; a failure to move beyond concerns relating to basic child survival and attend to core child protection concerns. The study of how societies address their child protection obligations, including the normative framework, advance planning and policy and practice initiatives undertaken, reveals a series of profound and unresolved dilemmas that go to their self-definition as global players. An investigation of the human rights dilemmas that arise in child protection on a global scale presents, in a microcosm, a perspective on the social and political dynamics affecting some of the world's most vulnerable populations.

The perspective of this course is twofold. One focus is on the child protection issues themselves, their genesis and impact. The other is on the human rights strategies and dilemmas relevant to those (at both the individual and societal level) charged with responding to rights violations affecting children and fulfilling public child protection obligations. In the midst of historic technological advances and significant progress in the realm of international human rights, the strategic choices and responsibilities facing leaders and others concerned with child protection are of increasing complexity and scope. Some challenges require long term structural planning and the ability to marshall resources for child protection across agencies and governments. Other challenges require immediate emergency responses that entail diplomatic, logistical and leadership skills. Yet others require multidisciplinary, integrative talents in order to understand and impinge on detrimental contemporary transformations that have aggravated the plight of many of the world's most vulnerable children. Little work has been carried out systematically in any of these areas, with the result that expertise on the ground is thin and operates in a somewhat evidence-free zone.

A key concern of the course will be to integrate legal approaches with those developed in the health and social sciences. A recurring theme will be the evaluation of how international obligations map onto policy outcomes and how human rights mechanisms affect problems facing vulnerable children on the ground. The course will begin with a brief review of the theory and literature relating to child protection and international human rights. It will proceed with an in depth discussion of case studies covering central aspects of child protection, child labor, child trafficking, child soldiering and child persecution. Analytic points will be derived from an investigation of specific problems, the legal frameworks relating to them and the solutions that have been advanced to address them.

Class Notes:	A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.
Requirements:	Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $25
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 557 Section: 1

Fundamentals of Global Health (190470)

Richard Cash

Aisha Yousafzai

2023 Fall (5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 67

This course will introduce the students to the fundamentals of global health, in particular the main trends, challenges, opportunities and strategies. The course will will explore current knowledge base, perspectives, and methods for global health. This course is required for all Master of Public Health students in the Department of Global Health and Population.

Health systems and determinants of health will be discussed in a series of interactive talks. Speakers include both practitioners and scholars in the field. In addition to exploring responses to the COVID-19 pandemic and other natural and human-made disasters, the course will examine non-communicable diseases, sexual and reproductive health, maternal and child health, mental health, and nutrition. Interventions such as pharmaceuticals, manpower development, data collection, and monitoring and evaluation will also be addressed. The course seeks to stimulate and encourage critical thinking.

Course restricted to MPH45 students in Global Health.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH 45 GH
Wave 2 | MPH 45 GH
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Course Restricted to MPH students in the GH field of study.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 569 Section: 1

Decolonizing Global Health (218173)

Jesse Bump

2023 Fall (2.5 Credits) Schedule: T 0345 PM - 0645 PM

Instructor Permissions: Instructor Enrollment Cap: 18

Widening inequality, enduring patterns of extraction, persistent power imbalances, and ongoing marginalization stand in stark opposition with the goals of global health and standard narratives of its triumphs. The COVID-19 pandemic has brought additional awareness to racial, economic, and other inequalities within and between societies, and also has raised questions about why so much unfairness endures. This course engages and interrogates colonialism and its sequelae as major causes of current problems, aiming to define and advance a decolonization agenda. It seeks to address central weaknesses in global health's decolonization movement, particularly the limited engagement with historical scholarship and decolonization theory, which are necessary to understand the mechanisms of colonialism, and to contest its ongoing influence in global health. The course focuses mainly on the 19th and 20th centuries, placing particular emphasis on the role of public health and medicine in colonial and imperial contexts to analyze how these policy areas were shaped to serve metropolitan material and intellectual goals. Comparative case analyses will be used to illuminate the difference between decision making on health policies in colonial and metropolitan contexts, and to connect patterns of the past with intellectual and institutional features of global health. This graduate seminar course is open to masters and doctoral students.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $50
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 945A Section: 1

Applied Practice and Integrative Learning Experience for Global Health (MPH45) (205232)

Peter Berman

2023 Fall (1.25 Credits) Schedule: T 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 64

This is a year-long course worth a total of 2.5 credits (1.25 in the fall and 1.25 in the spring).

This course is required for all students in the MPH45 Global Health Field of Study as part of the program's culminating experience requirement. The course emphasizes practical skills, and provides opportunities to connect with professionals and communities of practice in global health. The course sessions and networking opportunities are organized around:

► the global health practice experience which is undertaken throughout the academic year and for many students, provides a focus during Winter Session. For all projects, at least 120 work hours are required.

► a poster presentation to fellow students and faculty the application of theoretical and conceptual frameworks acquired at Harvard Chan within the context of the global health practice experience, as well as a written project abstract and brief self-reflection on lessons learned.

Co-requisite: GHP 945B Practice and Culminating Experience II (Spring II)

Grade Note: GHP 945 is a yearlong class comprised of two parts: Part A in the Fall and Part B in the Spring. For enrollment purposes and planning credit totals, students should factor 1.25 credits during Fall and 1.25 credits during Spring. Students only receive a grade in GHP 945 after they have completed both Part A and Part B. At the end of the Fall term, students will receive an "IP" ("in progress") grade in GHP 945A. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of the Spring term. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits the student earned from GHP 945.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: MPH45 Global Health students only

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $25
All: Cross Reg Availability	Not Available for Cross Registration
HSPH:Year Long Course	HSPH:Year Long Course

Subject: Interdepartmental

Interdepartmental 250 Section: 1

Ethical Basis of the Practice of Public Health (190768)

Daniel I. Wikler

2023 Fall (2.5 Credits) Schedule: MW 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 45

This course serves as an introduction to ethical issues in the practice of public health. Students will identify a number of key ethical issues and dilemmas arising in efforts to improve and protect population health and will become familiar with the principal arguments and evidence supporting contesting views. The class aims to enhance the students' capacity for using ethical reasoning in resolving the ethical issues that will arise throughout their careers.

Unlike courses in medical ethics, which mainly examine ethical dilemmas facing individual clinicians, the population-level focus of this course directs our attention to questions of ethics and justice that must be addressed at the societal level.

These include:
► What social response is required of a just society to the needs of its members for protecting and restoring health?
► Is population health something other than the aggregate of the health concerns of the individuals who make up a society at a given time? And what are the ethical implications of the answers?
► When are inequalities in health inequitable, and what priority should be assigned to reducing disparities in health when pursuing this goal might compromise the effort to maximize population health?
► Which ethical choices, if any, are unavoidable in developing the methodologies for measurement of health and of the global burden of disease?
► Which ethical choices if any are unavoidable in developing and using methods for priority-setting such as cost-effectiveness analysis and cost-benefit analysis? Are the ethical commitments of the profession of public health consistent with some methods and not others?
► Should the institution of universal health coverage be guided by ethical precepts and if so, what are these values and how should they guide policy?
► Can and should public health's dedication to improving population health conflict with the priorities of some individuals whose choices to not reflect such high priority for health? Should these individual preferences always be respected? Are there effective strategies that pursue population health in the face of such conflicts while preserving the individual's freedom to make unhealthy choices?
► How should responsibility for poor health be assigned, and what are the ethical implications of this assignment for poor health due to health problems due to smoking, obesity, and other unhealthy behavior? To the extent that the socioeconomic health gradient reflects differences in how well people take care of themselves are these disparities in health individual failings rather than social injustices?

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $25
All: Cross Reg Availability	Available for Harvard Cross Registration

HSPH Interdepartmental

Subject: Interdepartmental

Interdepartmental 100 Section: 1

Foundations for Public Health (216476)

2023 Fall (1 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: n/a

The purpose of this course is to provide an introduction to public health and establish a solid foundation for your education, experience and engagement over the next year. In the summer portion of the course, you will be introduced to the principles and science of public health, the major causes of morbidity and mortality, the social determinants of health, and the ways society can respond from the health sector and from outside the health sector. You will become familiar with commonly used metrics and measures that make up the "language of public health" and be exposed to conceptual frameworks that will help you to "ask the right questions". In the fall portion of the course, we will adopt a case-based approach to explore some of the most important interdisciplinary health problems facing populations – locally and globally. Adopting an ecologic perspective, we will pay particular attention to transnational risks and global governance – preparing you to engage academically and professionally with the most consequential challenges of our times – from pandemic risk to climate change.

Class Notes: All incoming HSPH students are expected to complete ID100 on Canvas in Summer 2023. Students will then register for the course in Fall 1. Grades will be posted at the end of the term.

PhD students: please register for ID100P.

Please direct all questions about ID100 to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu.

Requirements: HSPH Degree Students Only. PhD students are not able to enroll.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Interdepartmental 100P Section: 1

Foundations for Public Health (220630)

Sue J. Goldie

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: n/a

This course will follow the exact same format as ID 100. It is the exact same course but a separate offering for PhD students only.

As future leaders and change agents of public health, this is a sobering and pivotal moment. Around the

world today, the health gaps between the best and worst off have widened, and in no case is this more obvious than the United States. Intense changes in demographics, from population growth to urbanization, along with unprecedented shifts in patterns of disease and escalating transnational risks, are coupled with game-changing advances in technology and innovation. Superimposed on this already complex context, we are witnessing a mosaic of overlapping public health crises—from the domestic epidemics of structural racism, opioid addiction, and gun violence, and structural racism, to the global pandemic of COVID-19 and climate change. You have chosen to begin your journey at what can only be described as a historical moment for our field—the challenges never more sobering, the stakes never more consequential, and the possibilities never greater.

Class Notes: All incoming HSPH students are expected to complete ID100/100P on Canvas in Summer 2023. Students will then register for the course in Fall 1. Grades will be posted at the end of the term.

ID 100P is for PhD and DRPH students only. All other students should register for ID 100.

Please direct all questions about ID100 to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu.

Requirements: Students in the 4 PHD programs associated with HSPH

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Interdepartmental 224 Section: 1

Survey Research Methods for Public Health (220372)

Thomas Mangione

2023 Fall (2.5 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 35

This course covers research design, sample selection, questionnaire construction, interviewing techniques, the reduction and interpretation of data, and related facets of population survey investigations. Content focuses primarily on the application of survey methods to problems of health program planning and evaluation. Treatment of methodology is sufficiently broad to be suitable for students who are concerned with epidemiological, nutritional, or other types of survey research.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH-GEN and MPH-EPI
Wave 2 | MPH-GEN, MPH-EPI, and approved petitioners
Wave 3 | MPH-GEN, MPH-EPI, and approved petitioners

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM

Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts).

MPH-GEN and MPH-EPI students do not need to petition to enroll. Other students may petition, with students in summer-focused and summer-only programs receiving priority for petition approval.

Requirements: Students enrolled in the MPH-EPI and MPH-GEN programs have priority enrollment in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $25
All: Cross Reg Availability	Not Available for Cross Registration

Interdepartmental 254 Section: 1

Political Epidemiology: Oppression and Resistance as Determinants of Health (220430)

Natalia Linos

Emy Takinami

2023 Fall (2.5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 60

This course examines the social and political determinants of health, focusing on historic and ongoing systems of structural discrimination and exclusion which harm health and threaten health equity. It is intended to be an introductory course and will use examples from both the United States and a number of other countries/regions to explore how power and politics shape health and health equity.

Through a series of lectures by scholars of health justice, this course will enable students to analyze how history and institutional dynamics shape health as well as scientific knowledge about health. Using casestudy presentations and referencing a range of theoretical frameworks, from settler colonialism to racial capitalism, the course aims to show how research can support advocacy and community efforts to advance health justice. While the course predominantly focuses on structural racism and health, it will also underscore the need to take account of structural discrimination based on ability/disability status, sexual orientation and gender identity, and legal status, to name a few.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: Course Restricted: Course open to MPH-GEN students only

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $25
All: Cross Reg Availability	Not Available for Cross Registration

Interdepartmental 255 Section: 1

Public Health Leadership: Personal Mastery (220456)

Perry Dougherty

Cathy Tso

2023 Fall (1.25 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 30

Public Health Leadership: Personal Mastery is intended to provide students with opportunities to grow as leaders. The content of the course is informed by a deep understanding of reflective awareness practices as well as core leadership development theories from adult development, emergent strategy, authentic leadership, adaptive leadership, and teaming. Leadership development often requires the nimble ability to expand or shift one's perceptions of oneself, others, and the world at large. In this course, you will develop an understanding of yourself as a leader; discern your values and purpose as you understand it today; reflect upon your strengths, preferences, growth edges, and limitations; practice skills of listening, dialogue, and connection that often support leaders in working with others; learn practical ways of becoming aware of, accepting, and changing old habits and patterns that do not serve you anymore or that do not serve you in every context; and learn the value of candid feedback and reflection processes.

Class Notes:

A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH-GEN
Wave 2 | MPH-GEN & MPH-EPI
Wave 3 | MPH-GEN, MPH-EPI, and approved petitioners

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time

conflicts).

MPH-GEN and MPH-EPI students do not need to petition to enroll. Other students may petition, with students in summer-focused and summer-only programs receiving priority for petition approval.

Requirements: See Class Notes for details. MPH-GEN and MPH-EPI students do not need to petition to enroll. Other students may petition.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Material Fee Tier	< $75

Interdepartmental 276 Section: 1

Introduction to Nutrition Science (222092)

Shilpa Bhupathiraju

2023 Fall (2.5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 25

What are nutrients? How does the human body absorb and utilize nutrients? How is nutrition relevant to certain chronic diseases? What nutrients are linked to malnutrition in the United States and globally? What are the principles of a healthy dietary pattern? This foundational nutrition science course answers these and other nutrition-related questions. Topics covered in the course include digestion and absorption of nutrients; macronutrients (carbohydrates, protein, and fats); micronutrients (water-soluble and fat-soluble vitamins, minerals); macronutrient metabolism; water and electrolytes; global nutrition and chronic disease and nutrition; and understanding different study designs utilized in nutritional research. Students will practice critically evaluating nutrition information and research.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH-GEN
Wave 2 | MPH-GEN & MPH-EPI
Wave 3 | MPH-GEN, MPH-EPI, and Approved Petitioners

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts).

MPH-GEN and MPH-EPI students do not need to petition to enroll. Other

students may petition, with students in summer-focused and summer-only programs receiving priority for petition approval.

Requirements: See Class Notes for details. MPH-GEN and MPH-EPI students do not need to petition to enroll. Other students may petition.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Material Fee Tier	< $25

Interdepartmental 280 Section: 1

Environmental Justice, Climate Action, and Health (222546)

Natalia Linos

Gaurab Basu

2023 Fall (1.25 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 55

This introductory course will examine how policy decisions have contributed to environmental degradation, air pollution, and anthropogenetic climate change which exacerbates existing health inequities across the globe. It will introduce the topic of environmental justice and through a number of health-related case studies, provide a brief overview of complex planetary health interactions with health equity across different geographies. It is intended to be accessible to a broad audience and extend beyond describing health challenges to provide a brief overview of the environmental justice movement and how climate action at the local, national and global levels can offer a path forward.

Through a series of lectures and conversations with practitioners, the course will address how health care professionals and public health researchers can engage with policy makers to better communicate urgency and provide solutions that advance health equity. It will also offer some strategies and tools for effective community organizing and clear science communication on environmental justice and climate action.

Requirements: Course Restricted: Course open to MPH-GEN students only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Interdepartmental 514 Section: 1

Organizational Behavior (221997)

Laurie Pascal

2023 Fall (2.5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 28

This course is designed to provide you with theoretical and applied knowledge with which to understand, diagnose, evaluate, and positively impact organizations. You will learn why individuals and groups behave as they do. Attempts to change organizations in the absence of such understanding are often ill advised and

usually ineffective. Sound theories, informed intuition, thoughtful frameworks, and enhanced problem-solving skills all have their place in successfully leading in an organization at any level, with or without a formal leadership position (e.g., executive, manager, frontline worker, supervisor, or consultant).

This course aims to help you understand organizational behavior through case studies of organizational challenges, contemporary and seminal literature addressing four major theoretical perspectives on organizations, and exercises and simulations designed to experience and practice what is learned. We will examine both macro issues (those that impact organizations as a whole) and micro issues (those that impact individuals and teams). To develop your abilities to apply the theoretical and practical concepts, you will work together in a team to address organizational problems in a real organization using a case. Written assignments are designed to allow you to reflect on and apply lessons drawn from personal experience in organizations as well as the theories drawn from the literature and videos.

Note. This course requires one synchronous small group discussion with 3 classmates of your choosing.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH-GEN
Wave 2 | MPH-GEN & MPH-EPI
Wave 3 | MPH-GEN, MPH-EPI, and Approved Petitioners

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

Course Requirements: MPH-GEN and MPH-EPI students do not need to petition to enroll. Students in summer-focused and summer-only programs may petition. This course is not open to students in on-campus, academic year programs.

Requirements: See Class Notes for details. MPH-GEN and MPH-EPI students do not need to petition to enroll. Other students may petition.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Material Fee Tier	< $50

Subject: Women, Gender & Health

Women, Gender & Health 300 Section: 1

Independent Study (191282)

S. Bryn Austin

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 10

Independent Study (191282)

Barbara Gottlieb

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 11

Independent Study (191282)

Barbara Gottlieb

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 12

Independent Study (191282)

Barbara Gottlieb

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 13

Independent Study (191282)

Jack Dennerlein

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 14

Independent Study (191282)

Jack Dennerlein

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular

courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 15

Independent Study (191282)

Jack Dennerlein

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 19

Independent Study (191282)

Ana Langer

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 2

Independent Study (191282)

S. Bryn Austin

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 20

Independent Study (191282)

Ana Langer

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 21

Independent Study (191282)

Ana Langer

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 22

Independent Study (191282)

Karestan Koenen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 23

Independent Study (191282)

Karestan Koenen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 24

Independent Study (191282)

Karestan Koenen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 25

Independent Study (191282)

Nancy Krieger

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 26

Independent Study (191282)

Nancy Krieger

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 27

Independent Study (191282)

Nancy Krieger

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 3

Independent Study (191282)

S. Bryn Austin

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 31

Independent Study (191282)

Stacey Missmer

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 32

Independent Study (191282)

Stacey Missmer

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 33

Independent Study (191282)

Stacey Missmer

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 34

Independent Study (191282)

Tamarra James-Todd

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 35

Independent Study (191282)

Tamarra James-Todd

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 36

Independent Study (191282)

Tamarra James-Todd

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 40

Independent Study (191282)

Sabra Katz-Wise

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 41

Independent Study (191282)

Sabra Katz-Wise

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 42

Independent Study (191282)

Sabra Katz-Wise

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 43

Independent Study (191282)

Alan Geller

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 44

Independent Study (191282)

Sereno Reisner

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular

courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 45

Independent Study (191282)

Sereno Reisner

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 46

Independent Study (191282)

Sereno Reisner

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 47

Independent Study (191282)

Elizabeth Janiak

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 48

Independent Study (191282)

Elizabeth Janiak

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 49

Independent Study (191282)

Elizabeth Janiak

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 7

Independent Study (191282)

Brittany Charlton

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 8

Independent Study (191282)

Brittany Charlton

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 9

Independent Study (191282)

Brittany Charlton

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Subject: Molecular Metabolism

Molecular Metabolism 300 Section: 1

Independent Study (190382)

Chih-Hao Lee

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Molecular Metabolism 300 Section: 2

Independent Study (190382)

Brendan Manning

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Molecular Metabolism 300 Section: 3

Independent Study (190382)

Chih-Hao Lee

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Molecular Metabolism 300 Section: 4

Independent Study (190382)

Brendan Manning

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Molecular Metabolism 300 Section: 5

Independent Study (190382)

Chih-Hao Lee

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Molecular Metabolism 300 Section: 6

Independent Study (190382)

Brendan Manning

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy and Management

Subject: Health Policy & Management

Health Policy & Management 206 Section: 1

Economic Analysis (190524)

Ellen Meara

2023 Fall (2.5 Credits) Schedule: TR 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 66

A course on microeconomics, focusing on the uses and limitations of the economic approach, with applications to public health and medical care.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH45-HP, MPH65-HP, HPM SM1
Wave 2 | All MPH-HPM, SM1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll

in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 210 Section: 1

United States Health Policy (190528)

John McDonough

2023 Fall (2.5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 64

This course will provide students with a basic and thorough understanding of the U.S. health system focusing on access, quality of care, and costs. Students will learn how the system and its most important sub-elements are structured, how care is organized, delivered, and financed, and how national health reform is influencing the future direction of the system. Students will write five policy memos concerning immediate and real-world U.S. health policy issues.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH Health Policy Students
Wave 2 | MPH Health Policy Students
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $25

Health Policy & Management 211 Section: 1

The Health Care Safety Net & Marginalized Populations (190529)

Benjamin Sommers

2023 Fall (2.5 Credits)		Schedule:	TR 0945 AM - 1115 AM
Instructor Permissions:	None	Enrollment Cap:	35

This course examines the U.S. health care safety net. We will analyze several key components of the health care system related to the care for low-income populations: Medicaid, the Affordable Care Act, community health centers, public hospitals, and state-based programs. We will also explore issues related to the health care of underserved and marginalized populations including Native Americans, immigrants, people experiencing homelessness, individuals with disabilities, and people experiencing incarceration. We will draw on a variety of materials and learning approaches, such as research articles, case studies, newspaper editorials, and a classroom policy debate. No previous coursework required, but class participation and discussion are essential.

THIS CLASS HAS PRIORITY ENROLLMENT
Priority Wave Groups
Wave 1 | MPH-45 and MPH-65 Health Policy students
Wave 2 | All HPM students
Wave 3 | By application (see below)

Priority Wave Timing
Wave 1 | 8/11/2023 11:00AM – 8/21/2023 11:59PM
Wave 2 |8/22/2023 12:00AM – 8/25/2023 11:59PM
Wave 3 |8/26/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts).

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course.

Priority given to: Due to limited class size, Health Policy & Management students will have first priority for enrollment. Students from other departments are invited to waitlist by application only: please send a one paragraph statement (no more than 300 words) describing why you are interested in this course and any other special circumstances you would like the professor to be aware of. The statement should be emailed to bsommers@hsph.harvard.edu
and/or submitted directly as part of your enrollment petition to the Registrar by September 10th, 2023; applications received after that date will still be considered but on first-come, first-served basis.

Class Notes: Priority given to: Due to limited class size, Health Policy & Management students will have first priority for enrollment. Students from other departments are invited to waitlist by application only: please send a one paragraph statement (no more than 300 words) describing why you are interested in this course and any other special circumstances you would like the professor to be aware of. The statement should be emailed to bsommers@hsph.harvard.edu and/or submitted directly as part of your enrollment petition to the Registrar by September 10th, 2023; applications received after that date will still be considered but on first-come, first-served basis.

Requirements: Restricted to HPM students.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 219 Section: 1

Financial Transactions and Analysis (190537)

Bonnie Blanchfield

2023 Fall (2.5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 64

This intensive course introduces concepts of financial accounting for the non-accountant user of financial information. Basic accounting transactions, statement preparation, concepts of accrual vs. cash accounting, and nonprofit healthcare accounting are presented in the first half of the course. The second half focuses on statement analysis in a variety of health care organizations.

Course Notes: Prior to the first class, students taking HPM 219 are required to complete pre-work which includes several readings and a short problem.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH45-HM, MPH65-HM, DRPH
Wave 2 | MPH45-HM, MPH65-HM, DRPH
Wave 3 | Open Enrollment

Priority Wave Timing

Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $50
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 220 Section: 1

Financial Management and Control (190538)

Richard Siegrist

2023 Fall (2.5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 50

The course is designed to introduce students to cost accounting and management control concepts and uses for health service organizations. The first part of the course develops a basic knowledge of cost accounting, including full and differential costing techniques. The remainder of the course focuses on management control structure and process, and addresses topics such as pricing, capital investment analysis, budgeting and variance analysis.

Course Notes: HPM 219 is recommended but not required.

Registration Note:
-Course is mutually exclusive with GHP211. You may not take both this course and GHP211.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH45-HM, MPH65-HM, DRPH
Wave 2 | MPH45-HM, MPH65-HM, DRPH
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Mutually Exclusive Course: GHP211

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $50

Health Policy & Management 223 Section: 1

Public Speaking for Managers (190541)

Jack Rossin

2023 Fall (1.25 Credits) Schedule: T 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 15

This course gives the student the opportunity to develop skills in oral communication. Emphasis is placed on the techniques most useful to managers. Students will receive feedback in a supportive classroom environment.

Registration Note: HPM students only. Non-HPM students require instructor approval.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | All HPM including SM1
Wave 2 | All HPM including SM1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add

themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Course Restricted to HPM students (or instructor permission).

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 235 Section: 1

Managing Health Care Costs (190553)

Jeff Levin-Scherz

2023 Fall (2.5 Credits) Schedule: MW 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 67

Health care costs continue to be high in the United States, and the high cost of health care crowds out other societal needs while the US health care system appears to deliver less value than many other health care systems. Health care costs are a challenge for individuals, for employers, and for government. The Affordable Care Act led to a substantial increase in the number of Americans with insurance, although it is likely that the health market will undergo substantial changes over the coming months and years. The biggest challenge has been how to lower the cost of health care without diminishing quality or innovation.

We will review the advantages, disadvantages and feasibility of different approaches to moderating rising costs, including benefit design, medical management, utilization review, provider profiling and reporting, information technology, and regulatory action. We will also review efforts to improve health care affordability in other countries, although the main focus of the course is the US health care system.

Students will be encouraged to develop their own critical assessment of the prospects of using these techniques to control health care spending and to improve access and quality of care. This course consists of lectures, discussions and case studies. Guest speakers will provide a first-hand perspective on some topics. Students will do a qualitative and quantitative evaluation of an intervention to lower health care costs for the final group project.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $25

Health Policy & Management 268 Section: 1

Methods and Tools for Quality Improvement (204466)

Lindsay Martin

William Berry

2023 Fall (2.5 Credits) Schedule: F 0945 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 40

Students will learn the fundamental skills of improvement through a mix of presentation, application, and group work. The class will provide a historical overview of different quality methods and then center on the Model for Improvement as the approach for in-depth exploration. In addition to gaining the fundamental skills necessary to participate in quality improvement initiatives, students will earn the components necessary to lead quality improvement. Furthermore, by taking a deep dive into reliability science, students will gain the ability to formulate and create changes that can have a lasting impact in health care, and to build the infrastructure in an organization necessary to accommodate those changes.

Throughout the course students will work in a group on a quality improvement project. The project will be an opportunity to do real-time application of the skills learned in class and will
form the basis of the student's grade in the course.

All classes will contain four components: (1) a description of the applicable principles and structures that primarily influence the theory being discussed; (2) an exercise that enables
immediate application/practice of the theory taught; (3) an example and/or opportunity to apply the theory in health care; (4) dedicated time to work with a group on an improvement project and
get real-time coaching from faculty. Students will be expected to actively engage in all four components of the class.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT
Priority Wave Groups
Wave 1 | MPH45 HM, MPH65 HM, HPM-SM1, ALL DRPH
Wave 2 | All HPM, ALL DRPH
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)
Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be

automatically enrolled into any remaining seats in the course (pending no time conflicts)
**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 282 Section: 1

Innovative Problem Solving & Design Thinking in Healthcare (204473)

Linda Cyr

2023 Fall (2.5 Credits) Schedule: F 1000 AM - 0115 PM

Instructor Permissions: None Enrollment Cap: 25

Innovative problem solving is a critical skill for healthcare leaders confronting disruptive change and operating in increasingly complex and fast-paced environments. The capacity to innovate is essential to effectively serving patients, improving outcomes and developing sustainable organizations. Design thinking is a disciplined approach to innovation that focuses intensely on the intersection of human needs and values, technical feasibility and strategic viability to create end-user value and pursue market opportunity. Healthcare organizations such as the Mayo Clinic, Kaiser Permanente and the UK's National Health Service (NHS) as well as Ministries of Health in many countries are turning to design thinking to improve patient care and citizen health.

In contrast to a traditional approach to problem solving that focuses on deciding among known solutions, an innovative approach seeks the best solution possible given available resources, time, and team competencies. Innovative problem solving maximizes learning to reduce uncertainty by focusing on generation of new alternatives, experimentation, and exploration of multiple solutions.

Learning will occur through a mix of individual and group exercises in class as well as a series of graded and ungraded assignments that enable you to effectively use innovation tools, acquire skills, and adopt mindsets that complement the analytical approaches you have developed in other courses.
Course Note: Priority will be given to MPH HM, MPH HP, and DrPH students. This course will be taught at the Harvard iLab.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH65 HMGT, MPH45 HMGT
Wave 2 | All HPM
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $25

Health Policy & Management 300 Section: 1

Independent Study (190611)

Louise Keogh Weed

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 14

Independent Study (190611)

Andre Nogueira

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 16

Independent Study (190611)

Jeff Levin-Scherz

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 17

Independent Study (190611)

Jeff Levin-Scherz

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 18

Independent Study (190611)

Jeff Levin-Scherz

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 19

Independent Study (190611)

William Bean

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 2

Independent Study (190611)

Louise Keogh Weed

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 2

Independent Study (190611)

Jill Roncarati

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 20

Independent Study (190611)

Matt Miller

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 21

Independent Study (190611)

Matt Miller

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 22

Independent Study (190611)

William Berry

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 23

Independent Study (190611)

William Berry

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 24

Independent Study (190611)

William Berry

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 25

Independent Study (190611)

Meredith Rosenthal

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 26

Independent Study (190611)

Meredith Rosenthal

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 27

Independent Study (190611)

Meredith Rosenthal

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 3

Independent Study (190611)

Ankur Pandya

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 30

Independent Study (190611)

Sara Bleich

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 300

Independent Study (190611)

William Bean

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 31

Independent Study (190611)

Benjamin Sommers

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 32

Independent Study (190611)

Benjamin Sommers

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 33

Independent Study (190611)

Benjamin Sommers

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 37

Independent Study (190611)

John McDonough

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 38

Independent Study (190611)

John McDonough

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 39

Independent Study (190611)

John McDonough

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 4

Independent Study (190611)

Emma-Louise Aveling

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 4

Independent Study (190611)

Louise Keogh Weed

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 41

Independent Study (190611)

G. Gazelle

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 42

Independent Study (190611)

G. Gazelle

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 43

Independent Study (190611)

Nancy Turnbull

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 44

Independent Study (190611)

Nancy Turnbull

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 45

Independent Study (190611)

Nancy Turnbull

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 46

Independent Study (190611)

Michaela Kerrissey

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 47

Independent Study (190611)

Michaela Kerrissey

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 48

Independent Study (190611)

Michaela Kerrissey

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 5

Independent Study (190611)

Emma-Louise Aveling

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 50

Independent Study (190611)

Jeremy Nobel

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 51

Independent Study (190611)

Jeremy Nobel

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 52

Independent Study (190611)

Jane Kim

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 53

Independent Study (190611)

Jane Kim

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 54

Independent Study (190611)

Jane Kim

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 55

Independent Study (190611)

Leonard Marcus

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 56

Independent Study (190611)

Leonard Marcus

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 57

Independent Study (190611)

Leonard Marcus

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 6

Independent Study (190611)

Emma-Louise Aveling

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 61

Independent Study (190611)

Richard Siegrist

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 62

Independent Study (190611)

Richard Siegrist

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 63

Independent Study (190611)

Richard Siegrist

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 64

Independent Study (190611)

Jay Winsten

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 65

Independent Study (190611)

Amy Rosenthal

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 66

Independent Study (190611)

Amy Rosenthal

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 67

Independent Study (190611)

Amy Rosenthal

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 68

Independent Study (190611)

David Hemenway

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 69

Independent Study (190611)

David Hemenway

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 70

Independent Study (190611)

David Hemenway

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 71

Independent Study (190611)

Joseph P. Newhouse

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 72

Independent Study (190611)

Joseph P. Newhouse

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 73

Independent Study (190611)

Joseph P. Newhouse

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 76

Independent Study (190611)

Sarthak Das

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 77

Independent Study (190611)

Sarthak Das

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 78

Independent Study (190611)

Sarthak Das

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 79

Independent Study (190611)

Linda Cyr

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 8

Independent Study (190611)

William Bean

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 80

Independent Study (190611)

Linda Cyr

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 82

Independent Study (190611)

Linda Cyr

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 83

Independent Study (190611)

Anna Sinaiko

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 84

Independent Study (190611)

Anna Sinaiko

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 85

Independent Study (190611)

Anna Sinaiko

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 86

Independent Study (190611)

William Bean

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 87

Independent Study (190611)

Ameet Sarpatwari

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 88

Independent Study (190611)

Ameet Sarpatwari

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 89

Independent Study (190611)

Ameet Sarpatwari

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 9

Independent Study (190611)

Bonnie Blanchfield

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 90

Independent Study (190611)

Linda Kaboolian

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 91

Independent Study (190611)

Linda Kaboolian

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 350 Section: 1

Research (190615)

David Bates

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 350 Section: 13

Research (190615)

Katherine Swartz

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 350 Section: 14

Research (190615)

Katherine Swartz

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 350 Section: 15

Research (190615)

Katherine Swartz

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 350 Section: 2

Research (190615)

David Bates

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 350 Section: 3

Research (190615)

David Bates

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 350 Section: 4

Research (190615)

David Hemenway

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 350 Section: 5

Research (190615)

David Hemenway

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 350 Section: 6

Research (190615)

David Hemenway

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 350 Section: 7

Research (190615)

Meredith Rosenthal

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 350 Section: 8

Research (190615)

Meredith Rosenthal

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 350 Section: 9

Research (190615)

Meredith Rosenthal

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 526 Section: 1

Long-Term Care Policy in the U.S. (220615)

Susan Lynch

2023 Fall (2.5 Credits) Schedule: F 0945 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 50

The goal of this course is to provide students with a strong foundation of knowledge and understanding of the long-term care system in the United States and to explore long-term care policy reforms that are under consideration to improve long term care quality in various provider settings viewed through an equity lens. Specifically, this course will examine long-term care quality workforce issues, ownership, emergency preparedness, and reimbursement issues, as well as explore current legislative and regulatory efforts and innovative long-term care delivery models. Students will have the opportunity to explore these critical topics and strategic approaches through patient interviews, a team policy paper and presentation, and a final long-term care policy reform project.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 539 Section: 1

Organization Science for a New Era (190644)

Michaela Kerrissey

2023 Fall (2.5 Credits)		Schedule:	MW 0200 PM - 0330 PM
Instructor Permissions:	None	Enrollment Cap:	69

The past decade has brought dynamism, complexity, and growth in health organizations, from integrated care delivery systems to multi-service nonprofits. As a result, healthcare work settings are increasingly fast paced, interdependent and uncertain – and COVID-19 has greatly intensified these trends. These conditions make management and organizational behavior ever more critical to performance. How can leaders help their organizations and teams to thrive in such dynamic settings? How can they simultaneously organize for tight execution and innovation, build resilience in the face of crisis, achieve influence amid limited authority, and treat people respectfully without burning out? These are questions of organizational behavior and theory.

The primary objective of this course is to help students critically evaluate organizational and team structures, processes, and climates to initiate and sustain performance. We will apply multiple facets and analytic frameworks from organizational behavior to central challenges facing health organization leaders today. This is thus a management course, not an economics or policy course. It focuses on skills and practical frameworks that can help people thrive as they rise from individual stars to managers of people and systems.

This class is taught primarily through interactive case studies from real organizations, which expose students to a variety of managerial concepts and help them develop general management acumen. It is relevant for anyone who intends to manage projects and lead teams and organizations - whether in health care delivery, consulting, nonprofits, government, or elsewhere. To thrive in this fast-paced era, understanding, designing, and navigating the human systems of organizations is vital. This course will help students to do so.

Registration Note: Priority given to HPM students (MPH-HM, MPH-HP, HPM SM1) and DrPH students.

Class Notes:

A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

THIS CLASS HAS PRIORITY ENROLLMENT
Priority Wave Groups
Wave 1 | MPH 45/65 HMGT, DrPH
Wave 2 | All HPM Students including SM1, DrPH
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)
Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any

time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)
**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $75
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 548 Section: 1

Responsible Conduct of Research (190653)

Delia Wolf Christiani

2023 Fall (1.25 Credits) Schedule: F 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 90

This course meets the NIH training requirement for all trainees, fellows, participants, and scholars receiving support through any NIH training, career development award, research education grant, or dissertation research grant. It describes basic ethical and regulatory requirements for conducting research. Topics include the following:

1. conflict of interest – personal, professional, and financial – and conflict of commitment, in allocating time, effort, or other research resources
2. policies regarding human subjects, live vertebrate animal subjects in research, and safe laboratory practices
3. mentor/mentee responsibilities and relationships
4. safe research environments (e.g., those that promote inclusion and are free of sexual, racial, ethnic, disability and other forms of discriminatory harassment)
5. collaborative research, including collaborations with industry and investigators and institutions in other countries
6. peer review, including the responsibility for maintaining confidentiality and security in peer review
7. data acquisition and analysis; laboratory tools (e.g., tools for analyzing data and creating or working with digital images); recordkeeping practices, including methods such as electronic laboratory notebooks
8. secure and ethical data use; data confidentiality, management, sharing, and ownership
9. research misconduct and policies for handling misconduct
10. responsible authorship and publication
11. the scientist as a responsible member of society, contemporary ethical issues in biomedical research, and the environmental and societal impacts of scientific research

Course Note: HSPH Graduate students, post-doc fellows, and HSPH junior faculty members will be allowed to

take the course without paying tuition, but are expected to attend all lectures, participate in class discussions and complete homework assignments.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 552 Section: 1

Health Policy and Leadership (190656)

Lori Lightfoot

2023 Fall (1.25 Credits) Schedule: W 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 32

This semester's Menschel Senior Leadership Fellow is Lori Lightfoot, who served as the 56th mayor of Chicago, making history as the city's first African American female mayor. During her term as mayor, which ended May 15, 2023, Lightfoot led a coordinated, citywide response across government, business, and community organizations to safeguard public health and minimize economic impact from the COVID-19 pandemic. Among other steps, she created a Racial Equity Rapid Response Team and the COVID-19 Recovery Task Force.

Chicago's first Black woman and first openly gay mayor, Lightfoot also focused on generating inclusive economic growth across the city's neighborhoods. Her accomplishments included landmark ethics and good governance reforms, worker protection legislation, and key investments in education, public safety, and financial stability. In August of 2021, Lightfoot secured a $15 minimum wage for most workers in Chicago, including domestic workers, years ahead of the state's planned phase-in of a living wage.

Before taking office as mayor, Lightfoot held several other leadership roles in city government and served as a federal prosecutor.

Sponsored by the Harvard Chan Senior Leadership Fellows Program, each offering of this course series is taught by the Senior Leadership Fellow in residence for that term. Each course is unique and reflects the individual Fellow's career and leadership experience. Fellows address a wide variety of leadership challenges in areas such as politics and public health, health equity, policy implementation, poverty and access to healthcare, community health, universal health coverage, and beyond. For more on Senior Leadership Fellow courses and the current offerings, visit hsph.me/SLFPcourses

Class Notes: Menschel Senior Leadership Fellow TBA

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 557 Section: 1

Innovation and Entrepreneurship in Health Care (190659)

Richard Siegrist

Adele Houghton

2023 Fall (2.5 Credits)		Schedule:	MW 0345 PM - 0515 PM
Instructor Permissions:	None	Enrollment Cap:	51

This course is designed to expose students to the theory and practice of innovation and entrepreneurship in health care settings, both domestically and abroad. The first half of the sessions focus on various aspects of starting and growing a new health care business, whether a for-profit or non-profit venture. The second half of the sessions focus on fostering innovation and intrapreneurship in established organizations such as non-profit, for-profit or governmental organizations engaged in health care related activities.

Registration Note: Priority given to first year DrPH students and MPH 45/65 Health Management students

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH45 HM, MPH65 HM, DRPH
Wave 2 | DRPH and all HPM including SM1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $50

Health Policy & Management 559 Section: 1

Introduction to Qualitative Research Methods for Public Health (212940)

Emma-Louise Aveling

2023 Fall (2.5 Credits)		Schedule:	TBD
Instructor Permissions:	None	Enrollment Cap:	20

Understanding how to effectively use qualitative research to inform health practice and policy is an essential skill for public health students and professionals. This online course provides an introduction to qualitative methods for students interested in either using or conducting qualitative research to inform health policy and practice. The course is designed to introduce students to fundamental questions, principles, and skills necessary to design, conduct, interpret and evaluate qualitative research. In doing so, we take a critical approach to exploring theoretical and philosophical foundations of high quality, ethical qualitative research, while also building practical knowledge and skills for designing qualitative research and using core qualitative methods.

We begin by considering the question "why qualitative research?", examining the value of qualitative methodologies for health research and critically reflecting on the philosophical foundations of qualitative approaches. Throughout the course, we explore the implications of such foundational assumptions for designing, conducting and evaluating qualitative research in ways that recognize how both health and research are enmeshed within broader social relations and structures. Course sessions also focus on developing practical skills for conducting qualitative research including: generating data through interviews, focus groups, and observations, and analyzing qualitative data. Students will have opportunities to design and plan qualitative studies, to conduct and evaluate interviews, to practice analyzing qualitative data, to debate ethical dilemmas, and to reflect on our positionalities and roles as public health researchers working in diverse contexts. As an introductory level course, it necessarily aims to cover a breadth of topics; it does not, therefore, provide in-depth or advanced coverage of any one aspect of qualitative data collection or analysis.

This is an online course which includes weekly video lectures, readings and activities (e.g. contributing to discussion boards) to be completed asynchronously. In addition, there are a small number of optional synchronous online discussion sessions. (Asynchronous, written alternatives are available for those who don' t attend.) Work in small groups is a central component of the course. Assessment is based on participation in weekly activities and two assignments to be completed over the course of the semester with support and formative feedback from the teaching team.

Registration Note: Students enrolled in the MPH-EPI and MPH-GEN programs have priority enrollment in this course. All other students must request instructor permission.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH-GEN and MPH-EPI
Wave 2 | MPH-GEN, MPH-EPI, and approved petitioners
Wave 3 | MPH-GEN, MPH-EPI, and approved petitioners

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts).

MPH-GEN and MPH-EPI students do not need to petition to enroll. Other students may petition, with students in summer-focused and summer-only programs receiving priority for petition approval.

Requirements: This course is for MPH GEN & MPH EPI students.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Material Fee Tier	< $25

Health Policy & Management 562 Section: 1

Narrative Leadership - Using Storytelling to Mobilize Collective Action in Public Health (218799)

Predrag Stojicic

2023 Fall (2.5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 50

In this course, we will introduce the particular practice of leadership called Public Narrative that is rooted in community organizing and social movements. Developed by community organizer and Harvard professor Marshall Ganz, Public Narrative provides a way of thinking through the stories that mobilize people for collective action.

The goal of this course is to strengthen students' capacity to lead. We recognize that effective leaders cannot just engage the head (evidence and data). We need to learn how to engage the heart (values and emotions) in order to translate the knowledge into the community, political, or economic power necessary for long-term change.

Whether leading one person or thousands, engaging the heart requires learning the practice of storytelling and narrative that enables the leader to locate important themes, communicate those themes, and creatively live them out in professional and public life.

Narrative Leadership course is designed for public health leaders who are interested in harnessing the power of storytelling to motivate others to join them in action.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $50

Health Policy & Management 564 Section: 1

Health Systems Strengthening (220616)

Rifat Atun

2023 Fall (2.5 Credits) Schedule: MTWRF 0830 AM - 0500 PM

Instructor Permissions: None Enrollment Cap: 30

This course is designed to strengthen the role of nurse and midwife leaders in health systems, particularly in public health and primary care to achieve better health outcomes. It will cover approaches for analyzing contextual changes to identify opportunities and threats faced by health systems and for analyzing health systems performance to ascertain their strengths and weaknesses. It will explore how innovations in organization, financing, resource management (human resources, technologies, biomedicine, knowledge resources) and service delivery can be used to strengthen health systems by building on strengths and by addressing weaknesses to enable better response to emerging opportunities and threats. The course will help develop skills for the participants to enable more effective leadership and engagement of nurses and midwives in systematic analysis of health systems and development of context specific policies, strategies, regulations, through coalition building and community engagement. Participants will work with key partners (e.g., mentors; ministers of health, finance, and education; and community health workers) to ensure excellence in developing the right skills and knowledge to strengthen health systems. The course will use a mix of lectures, case studies, group work on real situations from different countries and discussions and will

be delivered in nine, three-hour in person sessions. It will include pre- and post-course work to enable application of the frameworks, principles and skills learned in the course in real life settings relevant to the context of the participants.

Class Notes: Course restricted to students in the Harvard Global Public Health for Nurse Leaders Certificate program. This course is entirely online.

Requirements: Course restricted to students in: Harvard Global Public Health for Nurse Leaders Certificate

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Health Policy & Management 565 Section: 1

Effective Consulting for Health Care and Policy Organizations (220633)

Aaron Holman

2023 Fall (1.25 Credits) Schedule: F 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 50

This course introduces students to the essential elements of structuring and conducting a high-value consulting engagement. It will help students develop an intuition for how to tailor consulting approaches to the specific problem being addressed, the goals of the client, the clients' strengths and weaknesses, and available resources. These topics will be taught through a series of overview lectures, class discussions, and guest visits reviewing real-world consulting case experiences in the private, public and nonprofit sectors. You will apply your learnings from the course and through case simulations to learn how to effectively scope a consulting engagement, work with clients to identify achievable goals, and develop healthy working relationships that generate trust. This course will help improve a student's chance of obtaining the consulting job they want and importantly, will assist in developing the core consulting skills needed for their first years on the job. The information and techniques presented in this course may be similar to those offered at larger firms, so those who have prior experience either interning or working in consulting may not find this course as valuable as those looking to newly explore the industry.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1 | All HPM Students
Wave 2 | All HPM Students
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $25
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 945A Section: 1

Applied Practice and Integrative Learning Experience for Health Policy (MPH45) (205236)

Amy Rosenthal

Audrey Gasteier

2023 Fall (1.25 Credits) Schedule: W 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 48

This is a year-long course worth a total of 2.5 credits (1.25 in the fall and 1.25 in the spring).

This course focuses on public policy process from a poiltical perspective, identifying key shareholders, political processes, government structure, and the role of conflict resolution in the formation of health policy. Fieldwork provides practical experience in health policy development.

Grade Note: HPM 945 is a yearlong class comprised of two parts: Part A in the Fall and Part B in the Spring. Students only receive a grade in HPM 945 after they have completed both Part A and Part B.
At the end of the Fall term, students will receive an "IP" ("in progress") grade in HPM 945A. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of the Spring term. This means the 1.25 credits from HPM 945A will not be reflected in the student's transcript when the "IP" grade is present. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits the student earned from HPM 945.

Requirements: Course Restricted to MPH45 Health Policy Students

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Attribute	Value(s)
HSPH:Year Long Course	HSPH:Year Long Course
HSPH: Course Material Fee Tier	< $25

Health Policy & Management 946A Section: 1

Applied Practice and Integrative Learning Experience for Health Management (MPH45) (205239)

William Bean

2023 Fall (1.25 Credits) Schedule: T 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 62

This course explores the managerial skills required of public health professionals in any setting -- leadership, interdisciplinary teams, and communication. Fieldwork provides practical experience in health management.

This is a year-long course worth a total of 2.5 credits (1.25 in the fall and 1.25 in the spring).

Grade Note: HPM 946 is a yearlong class comprised of two parts: Part A in the Fall and Part B in the Spring. Students only receive a grade in HPM 946 after they have completed both Part A and Part B.
At the end of the Fall term, students will receive an "IP" ("in progress") grade in HPM 946A. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of the Spring term. This means the 1.25 credits from HPM 946A will not be reflected in the student's transcript when the "IP" grade is present. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits the student earned from HPM 946.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: Course Restricted to MPH45 Health Management Students

Additional Course Attributes:

Attribute	Value(s)
HSPH:Year Long Course	HSPH:Year Long Course
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Material Fee Tier	< $50

Health Policy & Management 965.P1 Section: 1

Applied Practice and Integrative Learning Experience for Health Policy (MPH65) (208097)

Nancy Turnbull

2023 Fall (1.25 Credits) Schedule: T 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 30

This is the practicum and culminating experience for students in the MPH65 program in health policy. Students take this course in the first fall and the second fall of their program for a total of 2.5 credits (1.25 in

the spring and 1.25 in the following fall).
This course allows students to integrate and synthesize the knowledge and skills they are gaining from their coursework, and to apply them to a real world health policy issue or problem.
In the first fall section, students will explore practicum opportunities and decide on a placement for the summer. Working with the course instructor and their summer preceptor, they will develop a project plan and learning objectives for the summer. Students will also enhance the skills they need to function in a professional public health setting, including gaining a better understanding of their work preferences and strengths, learning about the practice of health policy from experienced practitioners, including Harvard Chan alumni, and engaging in professional self-assessment and critical reflection.
In the second fall section, students will share their summer practicum experience with peers and learn from the experiences of others at an MPH65 practicum poster session. They will also assess their progress on attaining the MPH65 health policy program competencies, and develop a professional development plan.
Course Note: Open only to students in the MPH65 program in health policy, who are required to register for HPM965F/S. The class meets approximately 8 times in the first fall and 6-7 times in the second fall. Fieldwork takes place for 8 weeks during the summer, and students will present the results of their summer practicum projects in the second fall section of the course.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: Course Restricted to MPH-65 HP students

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $25
All: Cross Reg Availability	Not Available for Cross Registration

Health Policy & Management 965.P2 Section: 1

Applied Practice and Integrative Learning Experience for Health Policy (MPH65) (208096)

Nancy Turnbull

2023 Fall (1.25 Credits) Schedule: T 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 25

This is the practicum and culminating experience for students in the MPH65 program in health policy. Students take this course in the first spring and the second fall of their program for a total of 2.5 credits (1.25 in the spring and 1.25 in the following fall).

This course allows students to integrate and synthesize the knowledge and skills they are gaining from their coursework, and to apply them to a real world health policy issue or problem.

In the spring section, students will explore practicum opportunities and decide on a placement for the summer. Working with the course instructor and their summer preceptor, they will develop a project plan and learning objectives for the summer. Students will also enhance the skills they need to function in a professional public health setting, including gaining a better understanding of their work preferences and strengths, learning about the practice of health policy from experienced practitioners, including Harvard

Chan alumni, and engaging in professional self-assessment and critical reflection.

In the fall section, students will share their summer practicum experience with peers and learn from the experiences of others at an MPH65 practicum poster session. They will also assess their progress on attaining the MPH65 health policy program competencies, and develop a professional development plan.

Course Note: Open only to students in the MPH65 program in health policy, who are required to register for HPM 965F/S. The class meets approximately 8 times in the spring and 6-7 times in the fall. Fieldwork takes place for 8 weeks during the summer, and students will present the results of their summer practicum projects in the fall section of the course.

Requirements: Course Restricted to MPH-65 HP students

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

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Health Policy & Management 966.P1 Section: 1

Applied Practice and Integrative Learning Experience for Health Management (HPM-65) (215680)

Louise Keogh Weed

2023 Fall (1.25 Credits) Schedule: T 0530 PM - 0700 PM

Instructor Permissions: Instructor Enrollment Cap: 20

Students in the Master of Public Health degree must complete an Applied Practice Experience ("Practicum"). To aid in the completion of this required, students must complete this is a two part course. The first portion occurs in the first fall of study (HPM 966.P1) and will include students from multiple fields of study. The second fall portion of the course (HPM 966.P2) will be limited Health Management students and content relevant to this field of study.
The first fall course is required of students in the MPH-65 degree program and is designed to:
1. assist you in identifying and completing a field-based practicum experience that will be of value to your professional development;
2. provide tools and insights that will be useful in future professional public health practice; and
3. share field experience with your MPH colleagues via a "peer-to-peer" joint learning experience. In preparation for individual field-based projects, students will develop their skills in performing effectively on interprofessional teams, by working with a client organization in the business sector to address a real world health problem.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Material Fee Tier	< $25

Health Policy & Management 966.P2 Section: 1

Applied Practice and Integrative Learning Experience for Health Management (215718)

Louise Keogh Weed

2023 Fall (1.25 Credits) Schedule: T 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 62

Students in the Master of Public Health degree must complete an Applied Practice Experience ("Practicum"). To aid in the completion of this required, students must complete this is a two part course. The first portion occurs in the spring (HPM 966S) and will include students from multiple fields of study. The latter fall portion of the course (HPM 966F) will be limited Health Management students and content relevant to this field of study.

The current spring course is required of students in the MPH-65 degree program and is designed to:
1) assist you in identifying and completing a field-based practicum experience that will be of value to your professional development;
2) provide tools and insights that will be useful in future professional public health practice; and 3) share field experience with your MPH colleagues via a "peer-to-peer" joint learning experience. In preparation for individual field-based projects, students will develop their skills in performing effectively on inter-professional teams, by working with a client organization in the business sector to address a real world health problem.

Requirements: HSPH: Returning MPH 65-HM

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Subject: Health Care Management

Health Care Management 702.1 Section: 1

Marketing (213399)

Linda Maccracken

2023 Fall (1.25 Credits) Schedule: S 0945 AM - 1115 AM
S 0945 AM - 1115 AM
S 1130 AM - 0100 PM
S 0945 AM - 1115 AM
S 0945 AM - 1115 AM
S 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 32

Marketing in the digital landscape calls for a variety of challenges as consumer digital adoption, technology, emerging competitors and data integration changes rapidly. This class prepares students to be effective marketing leaders in landscapes that require focused resource allocation that integrate digital and physical

services, and equips them to make strategic decisions in preparing and approving customer centered initiatives. Students will gain a working knowledge of the marketing landscape based on quantifiable addressable market, differentiation, brand strength, customer centricity and targeted engagement through product, place / channel, pricing and promotion in competitive markets. Students will use cases and a team based project learn to critically assess marketing plans and evaluate a range of approaches and methods to measure value driven offerings. Plan on fast-paced case discussions and hands-on group project work.

Course Restriction: HCM Students only

Class Notes: The MHCM program will also meet the weekend of January 5 – 8, 2024.

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Health Care Management 707.2 Section: 1

Health Care Management Practicum (213389)

Linda Cyr

Henry Bernstein

Don Michaels

2023 Fall (2.25 Credits) Schedule: F 0345 PM - 0515 PM
F 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 32

The Practicum provides students with an opportunity to integrate and apply the knowledge and leadership skills gained throughout the MHCM program by completing a comprehensive, independent project of their own choosing during the academic year. Students' self-selected projects might entail transforming an existing situation within their existing organizations or developing a business plan for a completely new, innovative initiative. Students will propose a project, develop a project plan, and build the business case to win approval and implement the idea.

Course Restricted: HCM students only

Class Notes: The MHCM program will also meet the weekend of January 5 – 8, 2024.

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Health Care Management 708.2 Section: 1

Social and Behavioral Determinants of Health (213489)

Monica Wang

2023 Fall (1.25 Credits) Schedule: S 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 32

The aim of this course is to provide students with a foundation in the core concepts of the social and behavioral determinants of health. This course analyzes major social variables that affect population patterns in health and health behavior, including socioeconomic status, race/ethnicity, neighborhoods, work, and social relationships. Through a combination of online and in-class seminars, students will examine the potential role of various social, policy, and environmental interventions in improving health. Building upon the empirical and theoretical literature covered in the online content and selected readings, students will discuss models for advancing population health management using case-based methodology.

Course Activities: Short written assignments, class discussion (online and in-person), final project.

Course Restriction: HCM Students only

Class Notes: The MHCM program will also meet the weekend of January 5 – 8, 2024.

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Health Care Management 709.1 Section: 1

Communication Skills for Managers (213490)

Jack Rossin

2023 Fall (0.62 Credits) Schedule: S 0200 PM - 0330 PM
M 1130 AM - 0100 PM
S 0200 PM - 0330 PM
M 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 32

Health care executives are increasingly called upon to communicate with a wide range of internal and external groups. This course will focus on the competencies necessary to deliver presentations successfully in a variety of situations that involve subordinates, superiors, with the board, peers, and external constituencies like the media. Students will learn to analyze challenging communication situations, prepare for contingencies, think on their feet, answer difficult questions and develop poise and confidence under pressure.

Course Restricted: HCM students only

Class Notes: The MHCM program will also meet the weekend of January 5 – 8, 2024.

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Health Care Management 711.2 Section: 1

Quality Improvement and Quantitative Methods (213387)

Evan Benjamin

Josko Silobrcic

Catherine Kreatsoulas

2023 Fall (2 Credits) Schedule: F 0200 PM - 0330 PM
F 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 32

This course in quality improvement and quantitative tools is designed for the physician executive or manager whose responsibilities include either oversight or direct involvement in quality management and improvement in a health delivery or health financing organization. Using selected readings case studies, lecture presentations and extensive classroom discussions, students will learn both the conceptual and practical aspects of improving health care quality. Students master a variety of data techniques that can be used in QI interventions and process analysis. Projects are assigned which utilize these new skills.

Course Restriction: HCM students only

Class Notes: The MHCM program will also meet the weekend of January 5 – 8, 2024.

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Health Care Management 719.1 Section: 1

Financial Transactions and Analysis (213492)

Samuel Levitt

2023 Fall (1.25 Credits) Schedule: F 0945 AM - 1115 AM
F 1130 AM - 0100 PM
S 0800 AM - 0930 AM
F 0945 AM - 1115 AM
S 0800 AM - 0930 AM
F 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 32

This intensive course introduces concepts of financial accounting to the non-accountant user of financial information. Basic accounting transactions, statement preparation and concepts of accrual versus cash accounting are presented in the first half of the course. The remainder of the course focuses on financial analysis of a variety of health care organizations.

Course Note: Completion of pre-work on basic accounting concepts required before class begins. Working ability with spreadsheets also required. Note that instructor provides introductory lecture on accounting and

presentation on use of spreadsheets during the summer term.

Course Restricted: HCM students only

Class Notes: The MHCM program will also meet the weekend of January 5 – 8, 2024.

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Health Care Management 720.1 Section: 1

Cost Accounting and Control Systems (213494)

Richard Siegrist

2023 Fall (1.25 Credits) Schedule: S 0800 AM - 0930 AM
M 0800 AM - 0930 AM
M 0945 AM - 1115 AM
S 0800 AM - 0930 AM
M 0945 AM - 1115 AM
M 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 32

The course is designed to introduce students to cost accounting and management control concepts and uses for health service organizations. The first part of the course develops a basic knowledge of cost accounting, including full and differential costing techniques. The remainder of the course focuses on management control structure and process, and addresses topics such as responsibility accounting, budgeting, reporting and variance analysis.

Course Restricted: HCM students only

Class Notes: The MHCM program will also meet the weekend of January 5 – 8, 2024.

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Health Care Management 731.1 Section: 1

Competitive Strategy Determination (213496)

Mariam Atkinson

Laurie Sprung

2023 Fall (1.25 Credits) Schedule: S 0800 AM - 0930 AM
M 0945 AM - 1115 AM

S 0945 AM - 1115 AM
S 0800 AM - 0930 AM
M 0945 AM - 1115 AM
S 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 32

This course focuses on the conceptual framework needed to plan for the long-term viability of health care organizations. Using selected readings and case studies of both health care and non-health care organizations, students will learn to appreciate the concepts of competitive strategy and competitive advantage primarily through practice in analysis. The objective is to provide students with the conceptual tools and the practical skills to enable them to formulate, execute, and evaluate organizational strategy.

Course Restricted: HCM students only

Class Notes: The MHCM program will also meet the weekend of January 5 – 8, 2024.

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Health Care Management 755.1 Section: 1

Provider Payment Systems and Policy (213498)

Jeff Levin-Scherz

Carolyn Langer

2023 Fall (1.25 Credits) Schedule: S 1130 AM - 0100 PM
S 0200 PM - 0330 PM
M 1130 AM - 0100 PM
S 1130 AM - 0100 PM
S 0200 PM - 0330 PM
M 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 32

This course is taught in two parts; the course focuses on the policy, operations and finance of provider payment, as well as the legal and contractual elements of provider payment. The course will evaluate multiple dimensions of health care cost and payment, with an emphasis on how payment systems influence provider organization, behavior and performance. The focus of this course is the US health care system, although class members will do an exercise involving provider payment across multiple countries. Participants will review sources and uses of health care dollars, and examine how these have changed in recent years as well as further changes that are likely as a result of legislative and regulatory initiatives. We will examine various stakeholder points of view on health care finance- and assess how changes in finance methods lead to changes in health care delivery and can lead to different experiences and outcomes for both providers and patients.

The legal and regulatory sessions will cover the key legal issues with which the health care executive needs

to be familiar. The goal is to provide some sensitivity to the basic structure of the law, not to train the class as amateur lawyers. If successful, the students will be in a position to ask their legal team reasonable questions, relating to the underlying rationality of the law.

Course Restricted: HCM students only

Class Notes: The MHCM program will also meet the weekend of January 5 – 8, 2024.

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Health Care Management 758.2 Section: 1

Field Project Qlty Improvement (213395)

Josko Silobrcic

Catherine Kreatsoulas

Evan Benjamin

2023 Fall (1 Credits) Schedule: M 0800 AM - 0930 AM
M 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 32

This course will provide physician executives with pragmatic, applied, real-world insights into quality improvement (QI) in healthcare organizations, based on the application of proven strategic and tactical frameworks, methodologies and tools to their own quality-related field projects, performed during the 2nd academic year of the MHCM program. Throughout their efforts, from project conception, design and planning, to measurement, implementation, analysis and follow-up actions, the students are mentored and guided (individually and in small groups) by expert course faculty. The course follows and closely complements the HCM 711 (Quality Improvement and Quantitative Methods in Quality Management) summer/fall course, which provides the conceptual and methodological bases, analytic tools and practices for the field project. At the end of this course, students will be better prepared for and substantially proficient in their own roles in quality improvement and management, leading/supporting their organizations' efforts in those areas using sound, science-based and systematic, methodical and analytic approaches and processes.

Course Restricted: HCM students only

Class Notes: The MHCM program will also meet the weekend of January 5 – 8, 2024.

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Health Care Management 777.1 Section: 1

Innovation and Entrepreneurship in Health Care (216358)

Richard Siegrist

2023 Fall (0.6 Credits)		Schedule:	S 1130 AM - 0100 PM
			S 0200 PM - 0330 PM
			S 1130 AM - 0100 PM
			S 0200 PM - 0330 PM
Instructor Permissions:	None	Enrollment Cap:	30

This course is designed to expose students to the theory and practice of innovation and entrepreneurship in health care settings, both domestically and abroad. The first half of the sessions focus on various aspects of starting and growing a new health care business, whether a for-profit or non-profit venture. The second half of the sessions focus on fostering innovation and intrapreneurship in established organizations such as non-profit, for-profit or governmental organizations engaged in health care related activities.

Course Restricted: HCM students only

Class Notes: The MHCM program will also meet the weekend of January 5 – 8, 2024.

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Health Care Management 778.1 Section: 1

Skills & Methods of Health Care Negotiation & Conflict Resolution (215810)

Linda Kaboolian

2023 Fall (1.25 Credits)		Schedule:	F 0200 PM - 0330 PM
			F 0345 PM - 0515 PM
			S 0200 PM - 0330 PM
			F 0200 PM - 0330 PM
			S 0200 PM - 0330 PM
			F 0345 PM - 0515 PM
Instructor Permissions:	None	Enrollment Cap:	30

The objective of this course is to improve negotiation, communication and conflict resolution skills for use in professional and personal settings. This course introduces students to the theory and practice of negotiation and conflict resolution. Particular emphasis is placed on integrating analytic skills, negotiation techniques and conflict resolution methods into the practice of health care management. The class is organized around hands-on simulations where general concepts and methods are demonstrated and practiced. These exercises model fundamental dilemmas in negotiation and are generalizable to disputes typical of health care settings and health care management problems. The debriefings that follow each exercise offer individual feedback, as well as the opportunity to examine applied issues of organizational communication,

system design and conflict.
Course Restricted: HCM students only

Class Notes: The MHCM program will also meet the weekend of January 5 – 8, 2024.

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Health Care Management 782.1 Section: 1

Innovative Problem Solving & Design Thinking for Health (213500)

Linda Cyr

2023 Fall (1.25 Credits)

Schedule: F 0945 AM - 1115 AM
F 1130 AM - 0100 PM
S 0945 AM - 1115 AM
F 0945 AM - 1115 AM
F 1130 AM - 0100 PM
S 0945 AM - 1115 AM

Instructor Permissions: None

Enrollment Cap: 32

The capacity to innovate is critical in today's rapidly changing healthcare environment. Design thinking is a disciplined approach to innovation that has been adopted by leading healthcare organizations (e.g. Mayo Clinic, Kaiser, IBM Watson Health) and government agencies (e.g. CDC, HHS). In contrast to a traditional approach to problem solving that focuses on deciding among known solutions, an innovative approach seeks the best solution possible given available resources, time, and team competencies. Innovative problem solving maximizes learning to reduce uncertainty by focusing on generation of new alternatives, experimentation, and exploration of multiple solutions. This course includes a mix of individual and group exercises in class as well as a series of assignments that enable students to effectively use innovation tools, acquire skills, and adopt mindsets that complement the analytical approaches developed in other courses.

Course restriction: HCM students only

Class Notes: The MHCM program will also meet the weekend of January 5 – 8, 2024.

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Subject: Decision Science

Decision Science 280 Section: 1

Decision Analysis for Health and Medical Practices (191102)

Ankur Pandya

2023 Fall (2.5 Credits)		Schedule:	TR 0200 PM - 0330 PM
Instructor Permissions:	None	Enrollment Cap:	164

This course is designed to introduce the student to the methods and growing range of applications of decision analysis and cost-effectiveness analysis in health technology assessment, medical and public health decision making, and health resource allocation. The objectives of the course are: (1) to provide a basic technical understanding of the methods used, (2) to give the student an appreciation of the practical problems in applying these methods to the evaluation of clinical interventions and public health policies, and (3) to give the student an appreciation of the uses and limitations of these methods in decision making at the individual, organizational, and policy level both in high-income and low-income settings.

Course Note: Introductory economics is recommended but not required.
Pre-requisites: ID 201 or BIO200 or BST201 or BST202&203 or BST206&207 or BST206&208 or BST206&209 (all courses may be taken concurrently). Students who have taken RDS 286 may not take RDS 280. Pre-requisites can be waived with RDS280 instructor's permission.

Class Notes:	Pre-requisites: ID 201 or BIO200 or BST201 or BST202&203 or BST206&207 or BST206&208 or BST206&209 (all courses may be taken concurrently). Students who have taken RDS 286 may not take RDS 280.
Requirements:	Pre-requisites: ID 201 or BIO200 or BST201 or BST202&203 or BST206&207 or BST206&208 or BST206&209 (all courses may be taken concurrently). Students who have taken RDS 286 may not take RDS 280.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Decision Science 284 Section: 1

Decision Theory (191105)

James Hammitt

2023 Fall (5 Credits)		Schedule:	MW 1130 AM - 0100 PM
Instructor Permissions:	None	Enrollment Cap:	24

Introduces the standard model of decision-making under uncertainty, its conceptual foundations, challenges, alternatives, and methodological issues arising from the application of these techniques to health issues. Topics include von Neumann-Morgenstern and multi-attribute utility theory, Bayesian statistical decision theory, stochastic dominance, the value of information, judgment under uncertainty and alternative models of probability and decision making (regret theory, prospect theory, generalized expected

utility). Applications are to preferences for health and aggregation of preferences over time and across individuals.

Class Notes: Students outside of HSPH must request instructor permission to enroll in this course.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology and Infectious Disease

Subject: Immunology Infectious Disease

Immunology Infectious Disease 201 Section: 1

Eradicating Malaria and Neglected Tropical Diseases (190830)

Jeffrey Dvorin

Manoj Duraisingh

Dyann Wirth

2023 Fall (2.5 Credits) Schedule: TR 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 45

This course is a survey to introduce core concepts and tools of disease eradication. We will discuss the current tools (or lack of tools), the evidence for their effective use, and their successes and failures, and we will discuss the policies and programs required to effectively use these tools for infectious disease control and eradication. In Session 1-6, we will focus on malaria as a context for introducing the many aspects of disease eradication. From Session 7-13, each session will focus on control and/or eradication of a new neglected tropical disease. Session 14-16 will then synthesize the course content and introduce new real-world challenges that will shape the implementation of disease control and eradication programs discussed in this course.

The class will meet twice a week, and each session will be divided into a didactic/lecture part and a discussion part. During the discussion, we will actively evaluate the evidence behind current global public health practices, emphasizing "cross-cutting" concepts and tools that are relevant to several of the diseases discussed in this course.

The tangible skills that will be obtained during this course include the ability to recognize, utilize, and critically evaluate strategies for disease eradication and the ability to effectively communicate a plan for

systematic control and/or eradication of malaria and neglected tropical diseases.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

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Immunology Infectious Disease 220 Section: 1

Topics in Immunology and Infectious Diseases (213676)

Yonatan Grad

2023 Fall (2.5 Credits) Schedule: MW 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 40

The course will include student-led discussions that promote close reading, analysis, and evaluation of papers; attendance at the Department of Immunology and Infectious Diseases seminar series; and assessment of and discussion about oral science communication based on the seminars themselves. Lastly, the course will provide students with the opportunity to engage with leaders in the field. Topics will depend on the invited speakers' fields and the class' interests.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Master of Public Health

Subject: Interdepartmental

Interdepartmental 290 Section: 1

Emergency Response, Disasters, and Public Health (219670)

William Vanderwagen

Paul Venton

2023 Fall (2.5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 30

The purpose of this course is to provide cognitive and heuristic tools to public health practitioners to be well prepared to plan for, respond to, recover from, and mitigate the impact of health disasters precipitated by a variety of threats. The course will provide learners with an awareness of the wide-ranging collaborative processes necessary among public health and medical service providers, as well as cross sectoral dependencies on others such as energy, transportation, public safety, etc. Upon completion of this course, the learner will understand and be able to utilize tools and processes to save lives, reduce the burden of suffering, and speed communities to recovery in the face of disasters.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1: MPH-EPI

Wave 2: MPH-EPI, and summer-only/summer-focused students

Wave 3: MPH-EPI, and summer-only/summer-focused students and approved petitioners

Priority Wave Timing

Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM

Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM

Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

MPH-EPI and summer-only/summer focused students do not need to petition to enroll. Other students may submit a petition to enroll if space is available.

Requirements: Course Restricted: Course open to MPH-GEN students only

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $25
All: Cross Reg Availability	Not Available for Cross Registration

Subject: Master of Public Health

Master of Public Health 101 Section: 1

Qualitative Methods for Public Health: A Brief Introduction (215930)

Emma-Louise Aveling

Jane Roberts

2023 Fall (0.25 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: n/a

This online module will provide a basic introduction to qualitative methods in public health research. It is intended for students with little or no prior knowledge of qualitative research methods, but who have an interest in using or conducting qualitative research to inform health policy and practice. The module will

provide an overview of the qualitative research paradigm, including fundamental principles of the paradigm, potential uses of qualitative inquiry in addressing public health issues, the value, and utility of core data generation methods, and basic principles of qualitative data analysis.

Class Notes: Eligibility Requirements: Enrollee must be a student within the MPH program.

Please direct all questions about MPH 101 to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu

Requirements: HSPH: Course reserved for MPH students

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Master of Public Health 102 Section: 1

Health Systems (213633)

Meredith Rosenthal

Rifat Atun

2023 Fall (1.25 Credits) Schedule: M 1130 AM - 0100 PM
M 1130 AM - 0100 PM
M 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 175

Health systems are the foundation of health care delivery and an essential component of the public health landscape. Health Systems is designed to provide MPH students with an understanding of the components of a health system and alternative ways of understanding its structure, functions, and effectiveness. Through exploring both global and U.S. health systems within a comparative framework, students will learn to analyze the different choices that countries make in providing health coverage and health care to their populations and the challenges and benefits that these choices entail. This is an introductory survey course that enables students to learn essential concepts in each topic area.

Class Notes: Eligibility Requirements: All Residential MPH Students

Please direct all questions about MPH 102 to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu.

This course consists of online, asynchronous lecture, assignments, and three required in-person meetings.

- Monday, August 28, 11:30am - 1:00pm
- Monday, September 18, 11:30am - 1:00pm
- Monday, October 2, 11:30am - 1:00pm

A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: MPH Students Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Master of Public Health 102 Section: 2

Health Systems (213633)

Meredith Rosenthal

Rifat Atun

2023 Fall (1.25 Credits)

Schedule: W 1130 AM - 0100 PM
W 1130 AM - 0100 PM
W 1130 AM - 0100 PM

Instructor Permissions: None

Enrollment Cap: 175

Health systems are the foundation of health care delivery and an essential component of the public health landscape. Health Systems is designed to provide MPH students with an understanding of the components of a health system and alternative ways of understanding its structure, functions, and effectiveness. Through exploring both global and U.S. health systems within a comparative framework, students will learn to analyze the different choices that countries make in providing health coverage and health care to their populations and the challenges and benefits that these choices entail. This is an introductory survey course that enables students to learn essential concepts in each topic area.

Class Notes: Eligibility Requirements: All Residential MPH Students.

Please direct all questions about MPH 102 to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu

This course consists of online and asynchronous lectures, assignments, and three required in-person meetings.

- Wednesday, August 30, 11:30am - 1:00pm
- Wednesday, September 20, 11:30am - 1:00pm
- Wednesday, October 4, 11:30am - 1:00pm

A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current

semester's courses, please visit the Curriculum Center website.

Requirements: MPH Students Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Master of Public Health 102 Section: 3

Health Systems (213633)

Meredith Rosenthal

Rifat Atun

2023 Fall (1.25 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: n/a

Health systems are the foundation of health care delivery and an essential component of the public health landscape. Health Systems is designed to provide MPH students with an understanding of the components of a health system and alternative ways of understanding its structure, functions, and effectiveness. Through exploring both global and U.S. health systems within a comparative framework, students will learn to analyze the different choices that countries make in providing health coverage and health care to their populations and the challenges and benefits that these choices entail. This is an introductory survey course that enables students to learn essential concepts in each topic area.

Class Notes: Eligibility Requirements: This section is available only to students in the following MPH programs; MPH-GEN, MPH-EPI, MPH-CLE Summer-Focused, and part-time MPH-45 students.

Please direct all questions about MPH 102 to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu

This course consists of online and asynchronous lectures lecture content along with synchronous engagement opportunities.

A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: MPH Students Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Master of Public Health 103 Section: 1

Leadership and Communication (213632)

Ted Witherell

2023 Fall (1.25 Credits) Schedule: M 1130 AM - 0100 PM
M 1130 AM - 0100 PM
M 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 175

The effective practice of public health in the 21st century requires working with interdisciplinary teams, communicating effectively with diverse audiences, and successfully leading and managing others to achieve better health outcomes for all populations. This course is designed to provide MPH students with an understanding of, and appreciation for, the fundamentals of leadership, management, and governance; cultural competence; and communicating with different audiences. Through case study analysis, experiential exercises, simulations, lectures, practitioner panels, and application activities and assignments, students will explore the opportunities and challenges of being in leadership positions and will develop important skills in negotiation and mediation, budgeting and resource management, systems thinking, and selecting and developing a variety of audience-appropriate communication strategies.

Class Notes: Eligibility Requirements: All Residential MPH Students.

Please direct all questions about MPH 103 to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu.

This course consists of online, asynchronous lecture and three required in-person meetings on the following dates and times:

- Monday, October 30, 11:30am - 1:00pm
- Monday, November 13, 11:30am - 1:00pm
- Monday, December 4, 11:30am - 1:00pm

A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: MPH Students Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Material Fee Tier	< $50

Master of Public Health 103 Section: 2

Leadership and Communication (213632)

Ted Witherell

2023 Fall (1.25 Credits) Schedule: W 1130 AM - 0100 PM
W 1130 AM - 0100 PM

W 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 175

The effective practice of public health in the 21st century requires working with interdisciplinary teams, communicating effectively with diverse audiences, and successfully leading and managing others to achieve better health outcomes for all populations. This course is designed to provide MPH students with an understanding of, and appreciation for, the fundamentals of leadership, management, and governance; cultural competence; and communicating with different audiences. Through case study analysis, experiential exercises, simulations, lectures, practitioner panels, and application activities and assignments, students will explore the opportunities and challenges of being in leadership positions and will develop important skills in negotiation and mediation, budgeting and resource management, systems thinking, and selecting and developing a variety of audience-appropriate communication strategies.

Class Notes: Eligibility Requirements: All Residential MPH Students.

Please direct all questions about MPH 103 to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu.

This course consists of online, asynchronous lectures and three required in-person meetings on the following dates:

- Wednesday, November 1, 11:30am - 1:00pm
- Wednesday, November 15, 11:30am - 1:00pm
- Wednesday, December 6, 11:30am - 1:00pm

A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: MPH Students Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Material Fee Tier	< $50

Master of Public Health 103 Section: 3

Leadership and Communication (213632)

Ted Witherell

2023 Fall (1.25 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: n/a

The effective practice of public health in the 21st century requires working with interdisciplinary teams, communicating effectively with diverse audiences, and successfully leading and managing others to achieve

better health outcomes for all populations. This course is designed to provide MPH students with an understanding of, and appreciation for, the fundamentals of leadership, management, and governance; cultural competence; and communicating with different audiences. Through case study analysis, experiential exercises, simulations, lectures, practitioner panels, and application activities and assignments, students will explore the opportunities and challenges of being in leadership positions and will develop important skills in negotiation and mediation, budgeting and resource management, systems thinking, and selecting and developing a variety of audience-appropriate communication strategies.

Class Notes: Eligibility Requirements: This fully online section is available only to students in the following MPH programs: MPH-GEN, MPH-EPI, MPH-CLE Summer-Focused, and part-time MPH-45.

Please direct all questions about this course to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu.

MPH 103 Section 3 includes asynchronous lecture content along with synchronous engagement opportunities.

A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: MPH Students Only

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $50
All: Cross Reg Availability	Not Available for Cross Registration

Master of Public Health 104 Section: 1

Social, Behavioral, and Structural Determinants of Health (213634)

Natalie Slopen

Monica Wang

Miranda Mancusi

2023 Fall (1.25 Credits)

Schedule: M 1130 AM - 0100 PM
M 1130 AM - 0100 PM
M 1130 AM - 0100 PM

Instructor Permissions: None

Enrollment Cap: 175

Social, Behavioral, and Structural Determinants of Health aims to provide an introduction to the social determinants of health, examine how social determinants influence the health of individuals, communities, and populations, provide an overview of public health intervention and evaluation approaches, and introduce health advocacy. Faculty will offer foundational frameworks and theories, discuss relevant research, explore potential interventions to improve health status and health outcomes, and encourage participants to apply their learning to current US and international contexts and issues. In addition to weekly

discussion boards and check-in quizzes to grapple with the weekly material, students will get to complete two written assignments centered around identifying and addressing a solution to a health disparity in their home community. After learning the basics of how to write a critical communication/advocacy format (i.e. an op-ed), students will author one as the final assignment for this course.

Class Notes: Eligibility Requirements: All Residential MPH Students.

Please direct all questions about MPH 104 to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu.

This course consists of online, asynchronous lecture and three required in-person meetings on the following dates and times:

Monday, September 11, 11:30AM - 1:00PM
Monday, September 25, 11:30AM - 1:00PM
Monday, October 16, 11:30AM - 1:00PM

A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: MPH Students Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Master of Public Health 104 Section: 2

Social, Behavioral, and Structural Determinants of Health (213634)

Natalie Slopen

Monica Wang

Miranda Mancusi

2023 Fall (1.25 Credits) Schedule: W 1130 AM - 0100 PM
W 1130 AM - 0100 PM
W 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 175

Social, Behavioral, and Structural Determinants of Health aims to provide an introduction to the social determinants of health, examine how social determinants influence the health of individuals, communities, and populations, provide an overview of public health intervention and evaluation approaches, and introduce health advocacy. Faculty will offer foundational frameworks and theories, discuss relevant research, explore potential interventions to improve health status and health outcomes, and encourage participants to apply their learning to current US and international contexts and issues. In addition to weekly

discussion boards and check-in quizzes to grapple with the weekly material, students will get to complete two written assignments centered around identifying and addressing a solution to a health disparity in their home community. After learning the basics of how to write a critical communication/advocacy format (i.e. an op-ed), students will author one as the final assignment for this course.

Class Notes: Eligibility Requirements: All Residential MPH Students.

Please direct all questions about MPH 104 to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu.

This course consists of online, asynchronous lecture and three required, in-person meetings on the following dates and times:

Wednesday, September 13, 11:30AM - 1:00PM
Wednesday, September 27, 11:30AM - 1:00PM
Wednesday, October 18, 11:30AM - 1:00PM

A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: MPH Students Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Master of Public Health 104 Section: 3

Social, Behavioral, and Structural Determinants of Health (213634)

Natalie Slopen

Monica Wang

Miranda Mancusi

2023 Fall (1.25 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: n/a

Social, Behavioral, and Structural Determinants of Health aims to provide an introduction to the social determinants of health, examine how social determinants influence the health of individuals, communities, and populations, provide an overview of public health intervention and evaluation approaches, and introduce health advocacy. Faculty will offer foundational frameworks and theories, discuss relevant research, explore potential interventions to improve health status and health outcomes, and encourage participants to apply their learning to current US and international contexts and issues. In addition to weekly discussion boards and check-in quizzes to grapple with the weekly material, students will get to complete two written assignments centered around identifying and addressing a solution to a health disparity in their home community. After learning the basics of how to write a critical communication/advocacy format (i.e. an op-ed), students will author one as the final assignment for this course.

Class Notes: Eligibility Requirements: This fully online section is available only to students in the following MPH programs; MPH-GEN, MPH-EPI, MPH-CLE Summer-Focused, and Part-time MPH-45.

Please direct all questions about MPH 104 to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu.

This section will include asynchronous lecture content along with synchronous engagement opportunities.

A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: MPH Students Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Master of Public Health 105 Section: 1

Public Health Policy and Politics (213635)

John McDonough

2023 Fall (1.25 Credits)

Schedule: MW 1130 AM - 0100 PM
MW 1130 AM - 0100 PM
M 1130 AM - 0100 PM
MW 1130 AM - 0100 PM
M 1139 AM - 0100 PM

Instructor Permissions: None

Enrollment Cap: 350

The effective practice of public health in the 21st century demands familiarity with the dynamics of policy development. This includes policy development, enactment, implementation, evaluation, and revision, plus understanding political dynamics to achieve policy change and improvement. While this pursuit is lifelong, learning key foundational elements can quicken and broaden effective inquiry and engagement. This course will introduce MPH students to core and essential elements of policy and politics in the public health context, laying a foundation on which students can expand their familiarity and sophistication throughout their professional careers. Most of the sessions will include the use of a case study to illuminate and explore policy concepts and to familiarize students with public health policy areas.

Cases will be incorporate a global and/or domestic focus. Two core policy/political models will be consistent reference points in analyzing cases: first, John Kingdon's agenda-setting model (also known as the multiple streams model) and second, Mark Moore's strategic triangle (aka: public value) framework. To understand cases and core models, students will learn multiple dimensions of the policy process, including the roles of ethics, evidence, and equity. Students will engage in population-based policy design; evaluate policies to assess their impact on population health and health equity, and practice communication skills relating to public health content.

Class Notes: Enrollment eligibility: MPH 105 is open only to students in the MPH Program. Please direct all questions about the course to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu.

The online lectures are held on Monday and Wednesday on alternating weeks, except for the period between November 20 and November 29, during which lectures are held on consecutive weeks. See course time and dates for exact schedule.

The course lectures will be delivered online and synchronously. No in-person classes will be held. All lectures will be recorded and posted to the course site. Optional in-person and online office hours will be held with the faculty member when possible.

A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: HSPH: Course reserved for MPH students

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $25
All: Cross Reg Availability	Not Available for Cross Registration

Master of Public Health 106A Section: 1

Intersectoral Perspectives in Public Health (222989)

Daniela Lewy

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 500

In addition to relying on technical proficiencies, public health practitioners must actively seek out the perspectives from professionals outside of public health, as well as those with lived experience. Perspectives from other sectors and professions offer valuable insight into complex public health problems and can contribute to partnerships, collaborations, and more nuanced and effective solutions. This course will provide frameworks, theories, and examples of evidence-based intersectoral collaboration that can be incorporated into students' applied learning experience and future public health practice.

Class Notes: MPH 106 is open to students in the MPH Program. The course is fully online and asynchronous.

Please direct all questions to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu

Requirements: MPH Students Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Nutrition

Subject: Nutrition

Nutrition 200 Section: 1

Introduction to Nutrition Science (216276)

Shilpa Bhupathiraju

2023 Fall (2.5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 24

What are nutrients? How does the human body absorb and utilize nutrients? How is nutrition relevant to certain chronic diseases? What nutrients are linked to malnutrition in the U.S. and globally? This foundational nutrition science course answers these and other nutrition related questions. Topics covered in the course include digestion and absorption of nutrients, macronutrients (carbohydrates, protein, and fats), micronutrients (water-soluble and fat-soluble vitamins, minerals), macronutrient metabolism, water and electrolytes, chronic disease and nutrition, lifecycle nutrition. This is a required course for the MPH 65 Nutrition students and recommended for nutrition doctoral students without prior courses in nutrition. The course is open to students from other departments and programs with an interest in nutrition.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH 65 NUT, PhD PHS NUT
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a

space available basis after the enrollment deadline for the course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 201 Section: 1

Introduction to Nutrition in Public Health (190911)

Josiemer Mattei

Shilpa Bhupathiraju

2023 Fall (2.5 Credits)		Schedule:	MW 0945 AM - 1115 AM
Instructor Permissions:	None	Enrollment Cap:	24

This course will provide an overview of current topics in nutrition within the context of public health. We will explore concepts in dietary assessment and epidemiology, the role of nutrition on common physical and mental health conditions, global nutrition, public health and community nutrition, agriculture and food policy, nutrition communication, diet in special populations, and other topics. The course will consist of lectures and in-class discussion of case studies or articles guided by experts in the topics, with active contribution from students.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1 | NUT PHS & MPH65

Wave 2 | Open Enrollment

Wave 3 | Open Enrollment

Priority Wave Timing

Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM
Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM
Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: To be eligible to enroll, students must have previously received a grade in NUT 200, or they must be enrolled in NUT 200 in the same term.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 203 Section: 1

Nutrition Seminars, Part I (190913)

Walter Willett

2023 Fall (1.25 Credits) Schedule: M 0101 PM - 0159 PM

Instructor Permissions: None Enrollment Cap: 50

The Human Nutrition Seminars are held every Monday and focus in methodologic and applied areas of Nutrition. They consist of presentations by faculty or invited speakers. Generally taken by first year students. Attendance will be taken.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 209 Section: 1

Seminars in Food Science, Technology, and Sustainability (190919)

Emmanouil Apostolidis

Christopher Golden

2023 Fall (2.5 Credits) Schedule: F 0345 PM - 0600 PM

Instructor Permissions: None Enrollment Cap: 32

The nutritional health of the public begins with food. There are two goals of this course: (1) To learn the basics of food science and technology, including food composition, chemistry, processing, and engineering; and (2) to understand how the broader food environment, including agricultural practices, food policy, and food trade, affects food availability and consumption. Through lectures, discussions, and group projects, students will be challenged to think critically about how the food supply impacts public health.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 218 Section: 1

"Exercise as Medicine" for the Prevention and Management of Chronic Diseases (220201)

Christina Dieli-Conwright

2023 Fall (2.5 Credits)		Schedule:	M 0945 AM - 0100 PM
Instructor Permissions:	None	Enrollment Cap:	24

Exercise is a potent non-pharmacologic lifestyle modality that positively alters chronic disease risk and management of chronic disease throughout the lifespan, and as such the phrase "Exercise as Medicine" is commonly used to underscore the importance of this modality in everyday life. Epidemiologic research supports the use of physical activity in support of exercise as medicine to address disease risk and management which has been further reinforced with efficacy data from clinical exercise trials. The breadth of this work lends to challenges in developing and implementing rigorously prescribed exercise across individuals and populations. This course will help students develop a framework for assessing and designing exercise strategies to reduce the burden of disease. Exercise approaches to disease prevention and management will focus on exercise prescription parameters, delivery settings, health outcomes, and health disparities. The lectures and readings will examine different issues around effectiveness, feasibility, and sustainability, including individual health status, barriers to exercise participation, and exercise treatment modalities. We will emphasize the timing of disease prevention and management in the context of the efficacy of exercise, at times coupled with dietary modifications, and identify knowledge gaps that warrant high risk, high reward, timely investigations culminating in a final project. Students will have homework assignments to collect and apply new knowledge within exercise medicine, which will be used to develop an exercise efficacy intervention targeting a biologic endpoint as a final project.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 232 Section: 1

Designing and Evaluating Behavioral Interventions Targeting Diet and Physical Activity (190929)

Erica Kenney

Juliana Cohen

2023 Fall (5 Credits)		Schedule:	TR 0945 AM - 1115 AM
Instructor Permissions:	None	Enrollment Cap:	30

This course outlines methods used to design, evaluate, and disseminate diet and physical activity behavioral interventions in real world settings. This course will review the lifecycle of program planning and evaluation, community needs assessments, the role of program theory, process evaluations, valid and practical measures of diet and physical activity, experimental and pragmatic approaches to impact evaluation, and strategies to disseminate evidence-based programs. Across these topics, the need to balance scientific rigor and the pragmatics of real world settings will be carefully considered to ensure that students have a thorough understanding of the fundamentals of program planning and evaluation and can apply these skills in a flexible and adaptive manner in a range of social, political, and economic contexts.

A combination of lecture and discussion format will be used during classes. Several guest speakers will present to the class to provide a range of perspectives on strategies to design and evaluate effective diet and

physical activity interventions in a variety of settings.

Prerequisites: Graduate standing.

Prior graduate coursework recommended in one or more of the following areas: nutrition, exercise science, social and behavioral sciences, or community health.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH 65 NUT, PhD PHS NUT
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Pre-Requisite/Co-Requisite: NUT 200

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 1

Independent Study (190930)

Juliana Cohen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 1

Independent Study (190930)

Deirdre Tobias

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 13

Independent Study (190930)

Edward Giovannucci

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 14

Independent Study (190930)

Edward Giovannucci

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 15

Independent Study (190930)

Edward Giovannucci

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 16

Independent Study (190930)

Gökhan Hotamışlıgil

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 17

Independent Study (190930)

Gökhan Hotamışlıgil

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 18

Independent Study (190930)

Gökhan Hotamışlıgil

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 19

Independent Study (190930)

Frank Hu

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 2

Independent Study (190930)

Juliana Cohen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 2

Independent Study (190930)

Deirdre Tobias

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 2

Independent Study (190930)

Cindy Leung

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 20

Independent Study (190930)

Frank Hu

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 21

Independent Study (190930)

Frank Hu

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 22

Independent Study (190930)

Jerold Mande

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 23

Independent Study (190930)

Jerold Mande

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 24

Independent Study (190930)

Jerold Mande

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 28

Independent Study (190930)

Eric Rimm

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 29

Independent Study (190930)

Eric Rimm

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 3

Independent Study (190930)

Deirdre Tobias

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 3

Independent Study (190930)

Cindy Leung

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 3

Independent Study (190930)

Juliana Cohen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 30

Independent Study (190930)

Eric Rimm

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 34

Independent Study (190930)

Stephanie Smith-Warner

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 35

Independent Study (190930)

Stephanie Smith-Warner

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 36

Independent Study (190930)

Stephanie Smith-Warner

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

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Nutrition 300 Section: 4

Independent Study (190930)

Cindy Leung

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

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Nutrition 300 Section: 4

Independent Study (190930)

Jorge Chavarro

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 40

Independent Study (190930)

Christina Dieli-Conwright

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 41

Independent Study (190930)

Christina Dieli-Conwright

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 42

Independent Study (190930)

Christina Dieli-Conwright

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 43

Independent Study (190930)

Walter Willett

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 44

Independent Study (190930)

Walter Willett

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 45

Independent Study (190930)

Walter Willett

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 5

Independent Study (190930)

Jorge Chavarro

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 55

Independent Study (190930)

Elsie Taveras

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 56

Independent Study (190930)

Elsie Taveras

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 57

Independent Study (190930)

Elsie Taveras

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 58

Independent Study (190930)

Alberto Ascherio

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 59

Independent Study (190930)

Alberto Ascherio

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 6

Independent Study (190930)

Jorge Chavarro

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 60

Independent Study (190930)

Alberto Ascherio

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 61

Independent Study (190930)

Xuehong Zhang

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 62

Independent Study (190930)

Xuehong Zhang

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 63

Independent Study (190930)

Xuehong Zhang

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 64

Independent Study (190930)

Sheila Isanaka

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 65

Independent Study (190930)

Sheila Isanaka

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 66

Independent Study (190930)

Sheila Isanaka

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 67

Independent Study (190930)

Josiemer Mattei

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 68

Independent Study (190930)

Josiemer Mattei

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 69

Independent Study (190930)

Josiemer Mattei

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 7

Independent Study (190930)

Christopher Duggan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 70

Independent Study (190930)

Qi Sun

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 71

Independent Study (190930)

Qi Sun

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 72

Independent Study (190930)

Qi Sun

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 8

Independent Study (190930)

Christopher Duggan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 80

Independent Study (190930)

Christopher Golden

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 81

Independent Study (190930)

Christopher Golden

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 82

Independent Study (190930)

Christopher Golden

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 83

Independent Study (190930)

Erica Kenney

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 84

Independent Study (190930)

Erica Kenney

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 85

Independent Study (190930)

Erica Kenney

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 86

Independent Study (190930)

Kirsten Davison

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 87

Independent Study (190930)

Kirsten Davison

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 88

Independent Study (190930)

Kirsten Davison

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 9

Independent Study (190930)

Christopher Duggan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 95

Independent Study (190930)

Dong Wang

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 96

Independent Study (190930)

Dong Wang

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 97

Independent Study (190930)

Dong Wang

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 311 Section: 1

Teaching Assistant (218820)

Shilpa Bhupathiraju

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 311 Section: 2

Teaching Assistant (218820)

Shilpa Bhupathiraju

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 311 Section: 3

Teaching Assistant (218820)

Shilpa Bhupathiraju

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 1

Research (190935)

Shilpa Bhupathiraju

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 1

Research (190935)

Shilpa Bhupathiraju

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 1

Research (190935)

Shilpa Bhupathiraju

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 10

Research (190935)

Edward Giovannucci

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 11

Research (190935)

Edward Giovannucci

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 12

Research (190935)

Edward Giovannucci

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 13

Research (190935)

Frank Hu

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 14

Research (190935)

Frank Hu

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 15

Research (190935)

Frank Hu

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 16

Research (190935)

Eric Rimm

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 17

Research (190935)

Eric Rimm

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 18

Research (190935)

Eric Rimm

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 2

Research (190935)

Alberto Ascherio

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 22

Research (190935)

Stephanie Smith-Warner

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 23

Research (190935)

Stephanie Smith-Warner

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 24

Research (190935)

Stephanie Smith-Warner

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 28

Research (190935)

Walter Willett

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 29

Research (190935)

Walter Willett

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 3

Research (190935)

Cindy Leung

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 3

Research (190935)

Alberto Ascherio

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 30

Research (190935)

Walter Willett

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 34

Research (190935)

Jorge Chavarro

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 35

Research (190935)

Jorge Chavarro

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 36

Research (190935)

Jorge Chavarro

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 4

Research (190935)

Christopher Duggan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 4

Research (190935)

Cindy Leung

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 40

Research (190935)

Josiemer Mattei

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 41

Research (190935)

Josiemer Mattei

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 42

Research (190935)

Josiemer Mattei

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 45

Research (190935)

Christopher Golden

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 46

Research (190935)

Christopher Golden

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 47

Research (190935)

Christopher Golden

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 48

Research (190935)

Erica Kenney

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 49

Research (190935)

Erica Kenney

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 5

Research (190935)

Cindy Leung

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 5

Research (190935)

Christopher Duggan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 50

Research (190935)

Erica Kenney

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 51

Research (190935)

Kirsten Davison

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 52

Research (190935)

Kirsten Davison

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 53

Research (190935)

Kirsten Davison

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 54

Research (190935)

Qi Sun

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 55

Research (190935)

Qi Sun

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 56

Research (190935)

Qi Sun

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 6

Research (190935)

Christopher Duggan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 400 Section: 2

Non-Resident Research (190939)

Frank Hu

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department. Research topics that may be taken under the direction of the faculty are listed below.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 400 Section: 4

Non-Resident Research (190939)

Walter Willett

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department. Research topics that may be taken under the direction of the faculty are listed below.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 965.P1 Section: 1

Applied Practice Experience for Nutrition (215722)

Teresa Fung

2023 Fall (1.25 Credits) Schedule: T 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 20

The course provides students with tools and practice in understanding how individual strengths, teamwork, and the ability to collaborate in interdisciplinary, cross-sector partnerships are all critical skills in addressing the complex scenarios of public health work that our students will face when they graduate. The course is limited to students in the MPH65 Nutrition field of study.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: HSPH: PW MPH 65 NUT

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Material Fee Tier	< $25

Nutrition 965.P2 Section: 1

Applied Practice Experience for Nutrition - Part II (216304)

Teresa Fung

2023 Fall (1.25 Credits) Schedule: T 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 20

All students completing a Master of Public Health degree must complete an Applied Practice Experience ("Practicum"). This required course is designed to provide some tools and insights that will be useful in future professional practice in nutrition and share that experience with their MPH Nutrition colleagues via a "peer-to-peer" joint learning experience.

Requirements: HSPH: PW MPH 65 NUT

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Subject: Interdepartmental

Interdepartmental 221 Section: 1

Nutritional Epidemiology II (190754)

Alberto Ascherio

2023 Fall (2.5 Credits) | Schedule: F 0800 AM - 0930 AM

Instructor Permissions: None | Enrollment Cap: 15

This course addresses methodological aspects of research in nutritional epidemiology. Topics include validation studies, adjustment for energy intake, and correction of measurement error. Theoretical as well as practical aspects will be covered. This course is intended primarily for students interested in doing epidemiologic research.

Course Activities: Review of original articles, data analyses, computer simulations.

Course Prerequisites: PHS2000 or BST210 or ID201 and ID214 required. PHS2000 or BST210 may be taken concurrently.

Requirements: Pre-requisites: (PHS2000 or BST210 or ID 201) and ID214. PHS2000 or BST210 can be taken concurrently. Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social and Behavioral Sciences

Subject: Social & Behavioral Sciences

Social & Behavioral Sciences 201 Section: 1

Society and Health (191116)

Ichiro Kawachi

2023 Fall (2.5 Credits) | Schedule: MW 0345 PM - 0515 PM

Instructor Permissions: None | Enrollment Cap: 77

The course surveys the social determinants of health: socioeconomic status, structural racism, income inequality, neighborhood contexts, psychosocial work environment, social networks and social capital. The sessions introduce theories linking each social determinant to population health outcomes, measurement issues, and threats to causal inference. Sessions include discussion of different methods used in social epidemiology to understand causal processes, including econometric methods, multi-level regression and the use of natural experiments.

Course Activities: Short written assignments, class discussion, final examination.

Course Note: Requirement for HSB-45, HSB-65, SBS-SM1, and PHS-SBS students. All enrolled students must also enroll in a required lab section.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH45-HSB, MPH65-HSB, SM1 SBS, PHD PHS SBS
Wave 2 | PHD PHS NUT & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 201LAB Section: 1

Society and Health (213464)

Ichiro Kawachi

2023 Fall (0 Credits) Schedule: R 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 21

The course surveys the social determinants of health: socioeconomic status, structural racism, income inequality, neighborhood contexts, psychosocial work environment, social networks and social capital. The sessions introduce theories linking each social determinant to population health outcomes, measurement issues, and threats to causal inference. Sessions include discussion of different methods used in social epidemiology to understand causal processes, including econometric methods, multi-level regression and the use of natural experiments.

Class Notes: PHS and DrPH students are required to take Lab 5

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH45-HSB, MPH65-HSB, SM1 SBS, PHD PHS SBS
Wave 2 | PHD PHS NUT & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students are required to enroll in both SBS 201 and SBS 201LAB.

To enroll in SBS 201LAB, students must first enroll in SBS 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 201LAB Section: 2

Society and Health (213464)

Ichiro Kawachi

2023 Fall (0 Credits) Schedule: F 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 21

The course surveys the social determinants of health: socioeconomic status, structural racism, income inequality, neighborhood contexts, psychosocial work environment, social networks and social capital. The sessions introduce theories linking each social determinant to population health outcomes, measurement issues, and threats to causal inference. Sessions include discussion of different methods used in social epidemiology to understand causal processes, including econometric methods, multi-level regression and the use of natural experiments.

Class Notes: PHS and DrPH students are required to take Lab 5

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH45-HSB, MPH65-HSB, SM1 SBS, PHD PHS SBS

Wave 2 | PHD PHS NUT & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

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**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students are required to enroll in both SBS 201 and SBS 201LAB.

To enroll in SBS 201LAB, students must first enroll in SBS 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 201LAB Section: 3

Society and Health (213464)

Ichiro Kawachi

2023 Fall (0 Credits) Schedule: R 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 20

The course surveys the social determinants of health: socioeconomic status, structural racism, income inequality, neighborhood contexts, psychosocial work environment, social networks and social capital. The sessions introduce theories linking each social determinant to population health outcomes, measurement issues, and threats to causal inference. Sessions include discussion of different methods used in social epidemiology to understand causal processes, including econometric methods, multi-level regression and the use of natural experiments.

Class Notes: PHS and DrPH students are required to take Lab 5

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH45-HSB, MPH65-HSB, SM1 SBS, PHD PHS SBS
Wave 2 | PHD PHS NUT & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing

Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

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**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students are required to enroll in both SBS 201 and SBS 201LAB.

To enroll in SBS 201LAB, students must first enroll in SBS 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 201LAB Section: 4

Society and Health (213464)

Ichiro Kawachi

2023 Fall (0 Credits) Schedule: R 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 20

The course surveys the social determinants of health: socioeconomic status, structural racism, income inequality, neighborhood contexts, psychosocial work environment, social networks and social capital. The sessions introduce theories linking each social determinant to population health outcomes, measurement issues, and threats to causal inference. Sessions include discussion of different methods used in social epidemiology to understand causal processes, including econometric methods, multi-level regression and the use of natural experiments.

Class Notes: PHS and DrPH students are required to take Lab 5

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH45-HSB, MPH65-HSB, SM1 SBS, PHD PHS SBS
Wave 2 | PHD PHS NUT & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

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themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students are required to enroll in both SBS 201 and SBS 201LAB.

To enroll in SBS 201LAB, students must first enroll in SBS 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 207 Section: 1

Race, Ethnicity and Health: Perspectives from the Social and Behavioral Sciences (191118)

David Williams

2023 Fall (2.5 Credits) Schedule: T 0345 PM - 0645 PM

Instructor Permissions: None Enrollment Cap: 65

Health outcomes in the U.S. vary dramatically as a function of race and ethnicity. The purpose of this course is to address the possible pathways by which such disparities in health status arise at different stages in the life cycle. The course will highlight research that explores this issue from social, behavioral and psychological perspectives, as well as ideas about the meaning of race and ethnicity in American society. Students will be asked to develop their own research ideas that might help illuminate the nature of specific health disparities.

Course Activities: Lectures, class presentations, discussion.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 208 Section: 1

Adolescent Health (191119)

Pamela Murray

David Bickham

Laura Grubb

2023 Fall (2.5 Credits) Schedule: TR 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 30

This course aims to provide an overview of major topics related to adolescent health for future public health practitioners, including health care providers, mental health workers, educators, and others. It is meant to be a broad introduction to adolescent health through covering topics that are relevant to the health of adolescents. Sessions usually cover adolescent development, research with adolescents, sexual and reproductive health, media influences, mental health, policy and advocacy, LGBTQ adolescents, school health, nutrition, substance use, and racism. The focus of the course is domestic, since adolescence is constructed differently across cultural contexts; however, we will explore global implications as much as class experience and knowledge permits. We welcome students to bring their diverse personal and professional experiences to enrich class discussions.

Course Activities: Class discussions, guest speakers, writing assignments, group project.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 212 Section: 1

Developmental Disabilities I: Evaluation, Assessment and Systems (191120)

Jason Fogler

2023 Fall (2.5 Credits) Schedule: F 0800 AM - 1000 AM

Instructor Permissions: None Enrollment Cap: 30

The course focuses on issues confronting professionals who work with people with developmental disabilities, their families, and the system. Materials are organized with a developmental format in mind. Emphasis for first half of semester will be on understanding the professionals' role in diagnosing, evaluating, and assessing children who have developmental disabilities or who are at high risk of acquiring them. Specific discussions of families and services will highlight the second half of the semester. The course uses outside guest speakers who are experts and work in the field.

Course note: The course is held at 2 Brookline Place, 5th Floor, Conference Room #598

Class Notes: Course note: The course is held at 2 Brookline Place, 5th Floor, Conference Room #598

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 225 Section: 1

Engaging with the Press: A Practical Look at Effective Public Health Communications (222231)

Dick Tofel

2023 Fall (2.5 Credits) Schedule: TR 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 50

How does the press actually function? How does the press interact with and influence the operation of public health agencies and systems? This course is intended to provide you with a deeper understanding of the relationship between public health and the press, a subject of particular importance in the wake of the COVID-19 pandemic. You will hear directly from experts – on both sides of the relationship – about their experiences. Sessions will examine all facets of the relationship, from news reporting to public information, from scientific papers to social media, from inherent complexity to misinformation. To the extent possible, the course is intended to develop and enhance practical knowledge and skills, looking to careers in public health that will, at least from time to time, involve engaging, directly or indirectly, with the press.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | DRPH
Wave 2 | All HSPH Degree Students
Wave 3 | All HSPH Degree Students

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $25

Social & Behavioral Sciences 245 Section: 1

Social and Behavioral Research Methods (191127)

Jarvis Chen

2023 Fall (5 Credits) Schedule: F 0200 PM - 0500 PM

Instructor Permissions: Instructor Enrollment Cap: 20

Provides a broad overview of social and behavioral research methodology, including experimental, quasi-experimental, and non-experimental research designs, measurement, sampling, data collection, and causal inference. Through methodological readings, discussion, and group and individual projects, students learn to conduct social and behavioral research. Projects include psychometric development of new measures and

analysis of longitudinal data with special emphasis on appropriate methods for rigorous causal inference.

Course Activities: Assigned readings, class participation, homeworks, group and individual projects.

Course Note: a multivariate statistics course strongly recommended; course primarily for doctoral students.

Course Prerequisites: PHS2000A and PHS2000B (PHS PhD students) OR BST210 or BST211 or BST213 AND SBS 281 (DrPH or SM students)

Requirements: Prerequisite:PHS2000A and PHS2000B (PHS PhD students) OR BST210 or BST211 or BST213 (DrPH or SM students)

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 246 Section: 1

Maternal and Child Health: Programs and Policies (191128)

Henning Tiemeier

2023 Fall (2.5 Credits) Schedule: MW 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 40

Components of health care programs for mothers and children are discussed in the context of the epidemiology of important health problems, the historical and legislative background, and social policies. The course takes a life-course approach and health programs appropriate to prenatal, early and late childhood, adolescence, and youth are presented in terms of the multidisciplinary and interdisciplinary action required to improve the health status of populations. The social, political, and environmental factors that shape current and future maternal and child health problems and policies are discussed. Topics include infant mortality and low birthweight, maternal and child mental health, maternal morbidity and mortality, services for children with special health care needs, and financing of health care for mothers and children.

Course Activities: Class discussion, written exercises.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 281 Section: 1

Principles of Social and Behavioral Research (191137)

Christy Denckla

2023 Fall (2.5 Credits) Schedule: TR 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 59

Introduces methodology to explore fundamental concepts and theories useful in understanding social and behavioral determinants of health. The course emphasizes quantitative research and social science methods applied to public health research. Major attention is given to methodology from sociology and psychology in their application to public health problems.

Course Activities: Group project, presentations, brief written article critiques.

Course Note: Fulfills departmental requirement for SBS masters students. Specifically geared to SBS students in the MPH and other professional master's degree program.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH45 HSB, MPH65 HSB, SBS SM1
Wave 2 | MPH45 HSB, MPH65 HSB, SBS SM1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

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**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $25

Social & Behavioral Sciences 281LAB Section: 1

Principles of Social and Behavioral Research (213465)

Christy Denckla

2023 Fall (0 Credits) Schedule: R 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 18

Introduces methodology to explore fundamental concepts and theories useful in understanding social and behavioral determinants of health. The course emphasizes quantitative research and social science methods applied to public health research. Major attention is given to methodology from sociology and psychology in their application to public health problems.

Course Activities: Group project, presentations, brief written article critiques.

Course Note: Fulfills departmental requirement for SBS masters students. Specifically geared to SBS students in the MPH and other professional master's degree program.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH45 HSB, MPH65 HSB, SBS SM1
Wave 2 | MPH45 HSB, MPH65 HSB, SBS SM1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

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**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students are required to enroll in both SBS 281 and SBS 281LAB.

To enroll in SBS 281LAB, students must first enroll in SBS 281.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 281LAB Section: 2

Principles of Social and Behavioral Research (213465)

Christy Denckla

2023 Fall (0 Credits) Schedule: R 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 15

Introduces methodology to explore fundamental concepts and theories useful in understanding social and behavioral determinants of health. The course emphasizes quantitative research and social science methods applied to public health research. Major attention is given to methodology from sociology and psychology in their application to public health problems.

Course Activities: Group project, presentations, brief written article critiques.

Course Note: Fulfills departmental requirement for SBS masters students. Specifically geared to SBS students in the MPH and other professional master's degree program.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH45 HSB, MPH65 HSB, SBS SM1
Wave 2 | MPH45 HSB, MPH65 HSB, SBS SM1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

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**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students are required to enroll in both SBS 281 and SBS 281LAB.

To enroll in SBS 281LAB, students must first enroll in SBS 281.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 281LAB Section: 3

Principles of Social and Behavioral Research (213465)

Christy Denckla

2023 Fall (0 Credits) Schedule: R 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 16

Introduces methodology to explore fundamental concepts and theories useful in understanding social and behavioral determinants of health. The course emphasizes quantitative research and social science methods applied to public health research. Major attention is given to methodology from sociology and psychology in

their application to public health problems.

Course Activities: Group project, presentations, brief written article critiques.

Course Note: Fulfills departmental requirement for SBS masters students. Specifically geared to SBS students in the MPH and other professional master's degree program.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH45 HSB, MPH65 HSB, SBS SM1
Wave 2 | MPH45 HSB, MPH65 HSB, SBS SM1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

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**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students are required to enroll in both SBS 281 and SBS 281LAB.

To enroll in SBS 281LAB, students must first enroll in SBS 281.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 281LAB Section: 4

Principles of Social and Behavioral Research (213465)

Christy Denckla

2023 Fall (0 Credits) Schedule: R 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 15

Introduces methodology to explore fundamental concepts and theories useful in understanding social and behavioral determinants of health. The course emphasizes quantitative research and social science methods applied to public health research. Major attention is given to methodology from sociology and psychology in their application to public health problems.

Course Activities: Group project, presentations, brief written article critiques.

Course Note: Fulfills departmental requirement for SBS masters students. Specifically geared to SBS students in the MPH and other professional master's degree program.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH45 HSB, MPH65 HSB, SBS SM1
Wave 2 | MPH45 HSB, MPH65 HSB, SBS SM1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

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**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students are required to enroll in both SBS 281 and SBS 281LAB.

To enroll in SBS 281LAB, students must first enroll in SBS 281.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 285 Section: 1

Practical Communications Strategies and Tactics for Influencing a Healthier World (222765)

Andy Burness

2023 Fall (2.5 Credits)		Schedule:	R 0200 PM - 0500 PM
Instructor Permissions:	None	Enrollment Cap:	30

This is a communications course. Health policy experts and system reformers – including government officials, health care leaders, civil servants, lobbyists, think tank scholars, and NGO leaders and advocates – must have skills to move ideas to scale and drive needed changes for healthier communities. They (and you) have the power to be accelerants on the fire of change, to move ideas from the conceptual to action.

This course will empower you to do the same: You'll learn the principles of strategic communications and how you can use them to inform, educate, influence, and move audiences. And you will build and begin to implement a public health communication strategy of your own: Over eight weeks, you will have an opportunity to develop a "message deck" to guide all communications on a specific programmatic or policy reform of your choice; a communications plan in support of this reform; an op-ed piece suitable for

publication; and early skills related to story-telling and media relations.

You'll leave the course with everything you need to put your plan into action, positioning you to make the public-health changes you want to see in the world. And allowing you to harness the power of strategic communications in your next job.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | DRPH
Wave 2 | All HSPH Degree Students
Wave 3 | All HSPH Degree Students

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11:59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11:59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies by session)

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $25

Social & Behavioral Sciences 288 Section: 1

Qualitative Research Methods in Public Health (191138)

Roberta Goldman

2023 Fall (2.5 Credits) Schedule: F 0945 AM - 1245 PM

Instructor Permissions: None Enrollment Cap: 20

What students can expect from this course: Qualitative research can be used alone or in combination with quantitative research to investigate public health questions. This introductory course will provide students with an overview of the range of important conceptual and practical issues associated with qualitative research, including providing general familiarity with the design of qualitative studies and conduct of commonly-used qualitative methods. The course begins by examining the variety of potential uses of qualitative methods in public health research and diverse qualitative research approaches. The course then explores specific topics, including: developing research questions; ethics in qualitative research; "entering" the community to conduct qualitative research; role of theory; ensuring study rigor; selecting and implementing qualitative data collection methods (participant observation, different types of semi-structured interviews and focus groups); writing open-ended questions; sampling; data management and analysis; publishing results; writing research proposals; and considerations for choosing qualitative methods for

mixed-methods qualitative or mixed-methods qualitative/quantitative studies.
Students should come to class prepared to apply concepts from readings and lectures through participation in student- and instructor-led class discussions and small group activities that will occur during every class period. In addition, students will demonstrate application of concepts through completion of written assignments that involve practice of qualitative methods.
What this course is not: As this is an introductory course on qualitative research that provides an overview of all pertinent topics to foster familiarity with this research approach as a whole, the course cannot dwell deeply on any one topic. Students who are looking for in-depth training on a particular step in qualitative research, such as how to analyze their own qualitative dataset, or how to use qualitative coding software, are advised to select a different course.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 296 Section: 1

Leadership in Minority Health Policy (191139)

Alden Landry

Joan Reede

2023 Fall (2.5 Credits) Schedule: T 0200 PM - 0330 PM

Instructor Permissions: Instructor Enrollment Cap: 18

Students will engage with faculty members at Harvard as well as key minority health policy leaders from both the public and private sectors to develop leadership skills required for effective performance in the areas of public health practice and public policy. A major focus will be strategies for career development in the area of minority health policy. Speakers will include physicians, dentists, community organizers, historians, lawyers, executives, and others working in health policy.
Course Activities: Students are expected to actively participate in class discussions; divided in teams, students will be required to give presentations and submit papers that discuss health policies impacting historically marginalized populations.
Course Requirements: In order to be considered for enrollment in the class, students must fill out the student interest form: https://bit.ly/3h2RfBC and also request instructor permission to enroll in this course via my.harvard. Applications will be reviewed on a rolling basis through August 25, 2023. Students who are not initially granted admission will be placed on a waitlist.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 299 Section: 1

Science-Driven Innovation in the Early Childhood Ecosystem (191141)

Jack Shonkoff

2023 Fall (5 Credits) Schedule: W 0900 AM - 1145 AM

Instructor Permissions: None Enrollment Cap: 20

This class meets at the Graduate School of Education.
The primary aim of this course is to leverage advances in the biological, behavioral, and social sciences to catalyze more effective strategies to strengthen the foundations of healthy development in the early years of life. Drawing on a diversity of perspectives, students will learn how interactions among early experiences, variation in sensitivity to context, and developmental timing shape brain architecture and other biological systems that affect learning, behavior, and lifelong health. Particular attention is focused on how adverse experiences and exposures related to structural inequities (e.g., systemic racism, intergenerational poverty) as well as to individual disruptions of the caregiving environment (e.g., abuse or neglect) are embedded biologically and lead to significant disparities in educational achievement and both physical and mental well-being. Students from a diversity of professional and personal backgrounds work on team projects over the course of the semester to explore how enhanced understanding of causal mechanisms that disrupt early development can stimulate fresh thinking and drive innovation in policy and practice to achieve greater impacts at scale on the lives of young children facing adversity.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 1

Independent Study (191142)

Elizabeth Janiak

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 10

Independent Study (191142)

Shoba Ramanadhan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 11

Independent Study (191142)

Shoba Ramanadhan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 12

Independent Study (191142)

Shoba Ramanadhan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 13

Independent Study (191142)

Henning Tiemeier

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 14

Independent Study (191142)

Henning Tiemeier

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 15

Independent Study (191142)

Henning Tiemeier

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 16

Independent Study (191142)

S.V. Subramanian

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 17

Independent Study (191142)

S.V. Subramanian

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 18

Independent Study (191142)

S.V. Subramanian

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 19

Independent Study (191142)

Steve Gortmaker

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 2

Independent Study (191142)

Elizabeth Janiak

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 20

Independent Study (191142)

Steve Gortmaker

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 21

Independent Study (191142)

Steve Gortmaker

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 22

Independent Study (191142)

Clyde Smith

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 23

Independent Study (191142)

Christy Denckla

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 24

Independent Study (191142)

Christy Denckla

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 25

Independent Study (191142)

Christy Denckla

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 28

Independent Study (191142)

Nancy Krieger

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular

courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 29

Independent Study (191142)

Nancy Krieger

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 3

Independent Study (191142)

Elizabeth Janiak

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 30

Independent Study (191142)

Nancy Krieger

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 31

Independent Study (191142)

Kasisomayajula Viswanath

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 32

Independent Study (191142)

Kasisomayajula Viswanath

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 33

Independent Study (191142)

Kasisomayajula Viswanath

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 37

Independent Study (191142)

Karen Emmons

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 38

Independent Study (191142)

Karen Emmons

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 39

Independent Study (191142)

Karen Emmons

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 4

Independent Study (191142)

Mary Bassett

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 40

Independent Study (191142)

Barbara Gottlieb

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 41

Independent Study (191142)

Barbara Gottlieb

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 42

Independent Study (191142)

Barbara Gottlieb

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 43

Independent Study (191142)

Margareta Matache

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 44

Independent Study (191142)

Margareta Matache

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 45

Independent Study (191142)

Margareta Matache

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 5

Independent Study (191142)

Mary Bassett

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 55

Independent Study (191142)

Laura Kubzansky

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 56

Independent Study (191142)

Laura Kubzansky

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 57

Independent Study (191142)

Laura Kubzansky

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 6

Independent Study (191142)

Mary Bassett

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 61

Independent Study (191142)

Ichiro Kawachi

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 62

Independent Study (191142)

Ichiro Kawachi

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular

courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 63

Independent Study (191142)

Ichiro Kawachi

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 64

Independent Study (191142)

David Williams

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 65

Independent Study (191142)

David Williams

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 66

Independent Study (191142)

David Williams

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 67

Independent Study (191142)

Lisa Berkman

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 68

Independent Study (191142)

Lisa Berkman

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 69

Independent Study (191142)

Lisa Berkman

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 7

Independent Study (191142)

Karestan Koenen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 70

Independent Study (191142)

S. Bryn Austin

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 71

Independent Study (191142)

S. Bryn Austin

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 72

Independent Study (191142)

S. Bryn Austin

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 76

Independent Study (191142)

Alan Geller

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 77

Independent Study (191142)

Alan Geller

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 78

Independent Study (191142)

Alan Geller

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 79

Independent Study (191142)

Sabra Katz-Wise

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 8

Independent Study (191142)

Karestan Koenen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 80

Independent Study (191142)

Sabra Katz-Wise

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 81

Independent Study (191142)

Sabra Katz-Wise

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 82

Independent Study (191142)

Vaughan Rees

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 83

Independent Study (191142)

Vaughan Rees

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 84

Independent Study (191142)

Vaughan Rees

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 85

Independent Study (191142)

Rebekka Lee

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 86

Independent Study (191142)

Natalie Slopen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular

courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 87

Independent Study (191142)

Natalie Slopen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 88

Independent Study (191142)

Natalie Slopen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 9

Independent Study (191142)

Karestan Koenen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 92

Independent Study (191142)

Jarvis Chen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 93

Independent Study (191142)

Jarvis Chen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 94

Independent Study (191142)

Jarvis Chen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 311 Section: 1

Teaching Assistant (203322)

Ichiro Kawachi

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 1

Research (191143)

Vaughan Rees

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 10

Research (191143)

Henning Tiemeier

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 11

Research (191143)

Henning Tiemeier

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 12

Research (191143)

Henning Tiemeier

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 13

Research (191143)

S.V. Subramanian

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 15

Research (191143)

S.V. Subramanian

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 16

Research (191143)

Steve Gortmaker

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 17

Research (191143)

Steve Gortmaker

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 18

Research (191143)

Steve Gortmaker

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 19

Research (191143)

Elizabeth Janiak

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 2

Research (191143)

Vaughan Rees

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 20

Research (191143)

Elizabeth Janiak

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 21

Research (191143)

Elizabeth Janiak

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 22

Research (191143)

Nancy Krieger

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 23

Research (191143)

Nancy Krieger

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 24

Research (191143)

Nancy Krieger

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 25

Research (191143)

Kasisomayajula Viswanath

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 26

Research (191143)

Kasisomayajula Viswanath

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 27

Research (191143)

Kasisomayajula Viswanath

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 28

Research (191143)

Sabra Katz-Wise

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 29

Research (191143)

Sabra Katz-Wise

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 3

Research (191143)

Vaughan Rees

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 30

Research (191143)

Sabra Katz-Wise

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 38

Research (191143)

Laura Kubzansky

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 39

Research (191143)

Laura Kubzansky

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 4

Research (191143)

Karestan Koenen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 40

Research (191143)

Laura Kubzansky

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 41

Research (191143)

Shoba Ramanadhan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 42

Research (191143)

Shoba Ramanadhan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 43

Research (191143)

Shoba Ramanadhan

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 44

Research (191143)

Ichiro Kawachi

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 45

Research (191143)

Ichiro Kawachi

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 46

Research (191143)

Ichiro Kawachi

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 47

Research (191143)

David Williams

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 48

Research (191143)

David Williams

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 49

Research (191143)

David Williams

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 5

Research (191143)

Karestan Koenen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 50

Research (191143)

Lisa Berkman

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 51

Research (191143)

Lisa Berkman

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 52

Research (191143)

Lisa Berkman

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 53

Research (191143)

S. Bryn Austin

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 54

Research (191143)

S. Bryn Austin

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 55

Research (191143)

S. Bryn Austin

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 6

Research (191143)

Karestan Koenen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 7

Research (191143)

Karen Emmons

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 70

Research (191143)

Barbara Gottlieb

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 71

Research (191143)

Barbara Gottlieb

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 72

Research (191143)

Barbara Gottlieb

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 73

Research (191143)

Alan Geller

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 74

Research (191143)

Alan Geller

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 75

Research (191143)

Alan Geller

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 76

Research (191143)

Natalie Slopen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 78

Research (191143)

Jarvis Chen

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 8

Research (191143)

Karen Emmons

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 9

Research (191143)

Karen Emmons

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 360 Section: 1

Maternal and Child Health/Children, Youth and Families Seminar (191144)

Jonathan Litt

2023 Fall (0.63 Credits) Schedule: T 0105 PM - 0155 PM

Instructor Permissions: None Enrollment Cap: 70

This course is taken twice for a total of 1.26 Pass/Fail credits (0.63 in the Fall and 0.63 in the Spring)

Weekly seminar on topics in Maternal and Child Health/Children, Youth and Families.

Required for: doctoral students either majoring or minoring in Maternal Child Health/Children Youth and Families (MCH/CYF) until they defend their thesis; masters students concentrating in MCH/CYF for the duration of their program. The MCF/CYF concentration in open to masters and doctoral students in all departments at the Harvard T.H. Chan School of Public Health.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 400 Section: 1

Non-Resident Research (191147)

S.V. Subramanian

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their Written Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 400 Section: 10

Non-Resident Research (191147)

Erin Driver-Linn

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their Written Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 400 Section: 2

Non-Resident Research (191147)

Kasisomayajula Viswanath

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their Written Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 400 Section: 3

Non-Resident Research (191147)

Alan Geller

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their Written Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 400 Section: 4

Non-Resident Research (191147)

David Williams

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their Written Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 400 Section: 5

Non-Resident Research (191147)

David Williams

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their Written Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 400 Section: 6

Non-Resident Research (191147)

David Williams

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their Written Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 400 Section: 7

Non-Resident Research (191147)

S. Bryn Austin

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their Written Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 400 Section: 8

Non-Resident Research (191147)

S. Bryn Austin

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their Written Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 400 Section: 9

Non-Resident Research (191147)

S. Bryn Austin

2023 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their Written Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 504 Section: 1

Substance Use and Public Health (191151)

Vaughan Rees

2023 Fall (2.5 Credits) Schedule: TR 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 30

Substance use is a major public health problem which impacts individuals and society on multiple levels. The purpose of this course is to develop an understanding of factors that contribute to substance use and its consequences, as well as evidence-guided strategies to prevent use or reduce harm. The course will cover the biological, psychological and social factors that drive substance use behavior, and the nature and scope of this public health problem. Drug effects, prevalence of use and health outcomes, evidence-based treatment and prevention approaches, and public policy options will be contrasted for major licit and illicit substances. Students will use this background to critically examine national and international drug policies.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 506 Section: 1

An Intro to History, Politics, & Public Health: Theories of Disease Distr. & Health Inequities (191153)

Nancy Krieger

2023 Fall (2.5 Credits)		Schedule:	F 0930 AM - 1230 PM
Instructor Permissions:	None	Enrollment Cap:	64

This course offers an introduction to the social and scientific contexts, content, and implications of theories of disease distribution, past and present. It considers how these theories shape questions people ask about--and explanations and interventions they offer for--patterns of health, disease, and well-being in their societies. Designed for both master level and doctoral level students, SBS 506 also serves a pre-requisite for SBS 507, the in-depth continuation of the course required for SBS doctoral students. SBS 506 accordingly begins by reviewing the role of theory in the production of scientific knowledge. It next introduces both text-based theories of disease distribution developed in ancient Greece and China, and also oral traditions reflecting diverse American Indian, Latin American, African, and medieval European explanations of disease distribution, followed by an overview of theories employed during the rise of epidemiology as a distinct discipline in both Europe and the United States, from 1700 to 1950. It then introduces current theories and controversies, and employs selected case examples to illustrate their application to--and implications for understanding--current and changing population distributions of disease and health inequities, especially in relation to class, race/ethnicity, gender, and sexuality. Emphasizing relationships between epidemiologic theory and practice, theories and frameworks covered include: miasma, contagion, germ theory, biomedical model, lifestyle, social production of disease/political economy of health, Latin American social medicine, health & human rights, social determinants of health, population health, psychosocial, lifecourse, and ecosocial theory.

Class Notes:

SBS 506 enrollment will end on Tuesday September 5, 2023 at 4:00pm (i. e., first Tuesday after the first Friday session of the course). After that time students will not be able to perform any enrollment transactions (including adding, dropping, or changing enrollment)

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | PHD PHS, SBS SM1
Wave 2 | MPH45 HSB, MPH 65 HSB, & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/10/2023 11:00AM – 8/20/2023 11: 59PM
Wave 2 | 8/21/2023 12:00AM – 8/23/2023 11: 59PM
Wave 3 | 8/24/2023 12:00AM – Enrollment Deadline (varies

by session)
Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 507 Section: 1

Adv Sem on History, Politics, and Public Health: Theories of Disease Distr and Health Inequities (191154)

Nancy Krieger

2023 Fall (2.5 Credits) Schedule: F 0930 AM - 1230 PM

Instructor Permissions: Instructor Enrollment Cap: 20

This course builds on the prerequisite course SBS 506 and its critical focus on theories of disease distribution, past and present. Intended for doctoral students (and required of SBS doctoral students), SBS 507 deepens historical and present-day understanding of contemporary mainstream theories of disease distribution and their social epidemiologic alternatives. Pairing 20th and 21st CE historical and contemporary books (not articles!), the course both builds substantive knowledge regarding the content and public health implications of diverse theories of disease distributions while also developing skills in conducting literature searches about and engaging with complex scholarly arguments and discourse.
Course Prerequisites: SBS506 (or SHDH506) required

Requirements: Prerequisite: SBS/SHDH506

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 515 Section: 1

Health Literacy: Measuring Accessibility and Usability of Health Information (191162)

Lindsay Rosenfeld (she/her)

2023 Fall (2.5 Credits) Schedule: MW 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 30

Health literacy is a powerful tool for health equity. Healthy People 2030 emphasizes the importance of

personal and organizational health literacy. It specifically calls out the responsibility of organizations to create processes and environments in which information is accessible and usable. This course emphasizes research and measurement focused on the assessment of health and health-related information (e.g., print, video, online). Participants will be able to identify and analyze factors that ease or inhibit reading, comprehension, and use of health and health-related information to accomplish specific tasks and make decisions. Participants will build skills in text and task analysis and apply available tools for information assessment. Participants will become familiar with the research literature related to the development of various tools, be prepared to analyze strengths and weaknesses of existing materials and be poised to contribute to on-going developments in research and practice. In addition, lessons learned in class will be applied to the development and design of health and health-related information, considering its role specifically in health and health-related systems. Students will have the opportunity to analyze (health) organizations' materials using skills learned. Field work assessments will be submitted as a class assignment and as a report to the host site, as appropriate.

The course will be open to students at the HSPH, HSDM, and HMS as well as other Harvard affiliates. It is not available to audit.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 516 Section: 1

Organizational Health Literacy: Issues and Assessment (191163)

Lindsay Rosenfeld (she/her)

2023 Fall (2.5 Credits) Schedule: MW 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 25

Organizational health literacy focuses on the responsibility of systems and organizations to equitably enable individuals to find, understand, and use information and services to inform health-related decisions and actions for themselves and others (Healthy People 2030). As such, it is a powerful tool for health equity. Clarity, dignified dialogue, democratization of knowledge, and equitable access to and use of services and resources are health literacy hallmarks. The course explores developments in the field of health literacy studies, from an early focus on individual literacy skills to the current focus on policy, practice, information, expectations, and navigation (e.g. online, accessing service systems, finding one's way to and in a physical place). Accordingly, the course focuses on how we can identify and modify structural barriers in health, and health-related, institutions and systems. Participants will 1) engage in critical analyses of the literature, 2) examine, critique, and learn to use available measures, 3) consider the adaptation of organizational health literacy measures beyond health(care), and 4) engage in field work. They will participate in small and large group discussion as well as multiple field work opportunities. In-person and virtual field work options will be offered. A variety of written assignments and a presentation are designed to ready participants to bring organizational health literacy to the center of health equity work in research and practice settings.

The course will be open to students at the HSPH, HSDM, and HMS as well as other Harvard affiliates. It is not available to audit.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 521 Section: 1

Qualitative Data Analysis for Public Health (205041)

Shoba Ramanadhan

Anna Revette

2023 Fall (2.5 Credits) Schedule: TR 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 15

This intermediate seminar focuses on the analysis of qualitative data for public health research and practice. The course covers a range of approaches to the analysis of textual data, such as from interview and focus group transcripts. The course focuses on reflexive thematic analysis, but also touches upon grounded theory, framework analysis and hybrid approaches to qualitative data analysis. Students will learn practical skills, including developing a codebook, coding data, writing memos, generating themes, and building conceptual models. The course also addresses issues of ethics in the conduct of qualitative research as well as team-based and participatory approaches to qualitative data analysis. Class sessions focus on active learning and include lectures, group discussions, opportunities to practice coding and summarizing data, article critiques, student presentations, and guest lectures. This course is open to masters and doctoral students who meet the prerequisites. Loaner copies of the required textbook are available for all enrolled students.
Pre-requisites: SBS288 or GHP504 or DRPH200 or S-063 or another qualitative research methods course/prior qualitative research experience (by permission of instructor)

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: Prerequisites: SBS 288 or GHP 504 or DRPH 200 or EDU S063 or another qualitative research methods course/prior qualitative research experience (by permission of the instructor)

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $50
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 523 Section: 1

Pragmatic Intervention Evaluation (220600)

Eve Nagler

2023 Fall (2.5 Credits) Schedule: TR 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 8

The course will prepare students to design an evaluation of a public health intervention. Students will design pragmatic trials that can be undertaken in the 'real-world' using the PRECIS-2 (Pragmatic Explanatory Continuum Indicator Summary) tool to answer their research question. Students will be introduced to study designs commonly used in NIH grants, including: randomized controlled trials (RCT), cluster RCT, stepped wedge, interrupted time series, difference in difference, Sequential Multiple Assignment Randomization Trials (SMART), and mixed methods. They will also explore different questions these study designs can answer, and how to select one to evaluate their intervention.

Throughout this interactive course, students will work with their peers to practice justifying methodological considerations, assumptions, benefits, and limitations of developing their trial along the pragmatic/explanatory continuum. By the end of the course, students will demonstrate skills to write a research proposal—similar to a protocol paper—to guide the testing of their intervention.

While the course will enable students to understand the practical applications of designing an intervention evaluation, the course will not cover statistical design and analysis, sample size, or power calculations. Students interested in learning these topics will be directed to other HSPH courses.

Requirements: Pre-Requisite: SBS 522
To enroll in this class, student must have already completed and received a grade in SBS 522.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 945A Section: 1

Applied Practice and Integrative Learning Experience for Health and Social Behavior (HSB-MPH-45) (205615)

Clyde Smith

2023 Fall (1.25 Credits) Schedule: F 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 35

This is a year-long course worth a total of 2.5 credits (1.25 in the fall and 1.25 in the spring).

Addresses the professional training needs of MPH students who plan to pursue leadership positions in the public sector or in community health. Students, individually or in small groups, undertake fieldwork in public or community health agencies. They apply managerial and analytic techniques developed in the concentration to the solution of problems confronting these agencies. Students meet with advisors from Harvard Chan and their host agency throughout the field placement. Class sessions explore the practice of public and community health through case studies, readings and hands-on activities.

Course Activities: Field work, written and oral project report, periodical email updates and reflections to the instructor.

Grade and Credit Units Note: SBS 945 is a yearlong class comprised of two parts: Part A in the Fall and Part B in the Spring. Students only receive a grade in SBS 945 after they have completed both Part A and Part B. At the end of the Fall term, students will receive an "IP" ("in progress") grade in SBS 945A. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of the Spring term. This means the 1.25 credits from SBS 945A will not be reflected in the student's transcript when the "IP" grade is present.

When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits the student earned from SBS 945.

Requirements: Course Restricted to students in the MPH45 Health and Social Behavior program

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $25
HSPH:Year Long Course	HSPH:Year Long Course

Social & Behavioral Sciences 965.P1 Section: 1

Applied Practice and Integrative Learning Experience for Health and Social Behavior (MPH65) (216455)

Alan Geller

2023 Fall (1.25 Credits) Schedule: T 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 24

AII students completing a Master of Public Health degree must complete a Practicum and a Culminating Experience. This course is designed to address these two degree requirements through the integration and synthesis of competencies gained during the MPH-HSB 65 degree program through coursework and field practice. The course will also provide guidance to students as they seek employment and will include seminars on salary negotiation, resume writing, and job-seeking.

Registration Note: This course is restricted to MPH-HSB 65 students in their first year.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: HSPH: Restricted to MPH-HSB 65 students in their first year

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Material Fee Tier	< $25

Social & Behavioral Sciences 965.P2 Section: 1

Applied Practice and Integrative Learning Experience for Health and Social Behavior (MPH65) (205562)

Alan Geller

2023 Fall (1.25 Credits) Schedule: T 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 31

AII students completing a Master of Public Health degree must complete a Practicum and a Culminating Experience. This course is designed to address these two degree requirements through the integration and

synthesis of competencies gained during the MPH-HSB 65 degree program through coursework and field practice. The course will also provide guidance to students as they seek employment and will include seminars on salary negotiation, resume writing, and job-seeking.

Registration Note: This course is restricted to MPH-HSB 65 students in their final semester.

Class Notes: Classes meet between August 28 - October 20, 2023.

Requirements: Restricted to MPH-HSB 65 students in their final semester.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Social & Behavioral Sciences 980F Section: 1

SBS Doctoral Seminar (218908)

Laura Kubzansky

2023 Fall (1.25 Credits)

Schedule: W 1130 AM - 0100 PM
W 1130 AM - 0100 PM
W 1130 AM - 0100 PM
W 1130 AM - 0100 PM
W 1130 AM - 0100 PM
W 1130 AM - 0100 PM
W 1130 AM - 0100 PM
W 1130 AM - 0100 PM

Instructor Permissions: None

Enrollment Cap: 50

The SBS Doctoral Seminar is designed to provide students with an opportunity to connect across cohorts, explore topics covered in their doctoral-level coursework in more depth, develop and practice critical professional skills (e.g., grant writing, research development, science communication, CV/cover letter writing), and present their on-going research for feedback from their peers. A 90-minute seminar will be held every other week, and content will be split between a student work-in-progress presentation and an interactive discussion/presentation led by the facilitator addressing topics relating to navigating the doctoral program in SBS (including relevant program milestones, like the written exam, dissertation proposal, oral exam, and dissertation defense), the conduct of social and behavioral research, and career development. Topics will be identified by the postdoc facilitator and students at the start of the year, with additional guidance provided by the faculty sponsor. The seminar will meet bi-weekly and will be open to SBS PHS/PhD students across all years of the program.

Class Notes: This class will meet every other week, starting on the first Wednesday of the Fall term.

Requirements: HSPH: PW PHS SBS

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Subject: Women, Gender & Health

Women, Gender & Health 201 Section: 1

Reproductive Health, Rights, and Justice (211166)

Elizabeth Janiak

2023 Fall (2.5 Credits) Schedule: R 0200 PM - 0500 PM

Instructor Permissions: None Enrollment Cap: 20

This interdisciplinary course will explore the politics of reproductive health and health care delivery, both in the US and globally, with a particular focus on how reproduction and related clinical care are shaped by and in turn shape social inequality along axes of race, gender, and social class. The course will intertwine three threads: 1) major conceptual and theoretical issues foundational to understanding the politics and epidemiology of reproduction; 2) contemporary and historical perspectives on specific reproductive phenomena and events (preventing pregnancy, terminating pregnancy, sustaining pregnancy, and giving birth); 3) social movements organized around reproductive health (e.g. anti-abortion, reproductive justice movements).

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $25
All: Cross Reg Availability	Available for Harvard Cross Registration